



EOG Resources, Inc.
600 Seventeenth Street
Suite 1100N
Denver, CO 80202
(303) 572-9000
Fax: (303) 824-5400

September 23, 2003

Utah State Office
Bureau of Land Management
P.O. Box 45155
Salt Lake City, Utah 84145-0155

Attn: Mr. Robert A. Henricks
Chief, Branch of Fluid Minerals

RE: Designation of Agent
Natural Buttes Unit
Uintah County, Utah
Natural Buttes Prospect
1540-AA29, 0050620-000
and 0050623-000

Gentlemen:

Enclosed, for your approval, are three (3) copies of a Designation of Agent pertaining to EOG Resources, Inc.'s ("EOG") proposed NBU 437-18E, NBU 535-17E, NBU 536-18E and NBU 537-18E wells. All copies have been originally executed on behalf of Westport Oil and Gas Company, L.P.

When approved, please forward the approved Designation of Agent to my attention at the letterhead address (not to EOG's Vernal, Utah, office as identified on the face of this Designation of Agent).

If anything further is needed in connection with this matter, please contact the undersigned at (303) 824-5430.

Sincerely,

EOG RESOURCES, INC.

Debbie Spears
Sr. Land Technician

/das
Enclosures
StUt-Agent.doc

cc: Vernal District, BLM (with copy of enclosure)
Division of Oil, Gas and Mining (with copy of enclosure)
Ed Trotter (with copy of enclosure)
Jim Schaefer (with copy of enclosure)
George McBride (with copy of enclosure)
Bruce Johnston, Westport Oil and Gas Company, L.P. (with copy of enclosure)

RECEIVED

SEP 26 2003

DESIGNATION OF AGENT

Robert A. Henricks
Chief, Branch of Fluid Minerals

The undersigned is, on the records of the Bureau of Land Management, Unit Operator under the Natural Buttes Unit Agreement, Uintah County, Utah, No. 14-08-00018900 approved January 5, 1968, and hereby designates:

NAME: EOG Resources, Inc.

ADDRESS: P.O. Box 1815
Vernal, Utah 84078

as its agent, with full authority to act in its behalf in complying with the terms of the unit agreement and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to drilling, testing, and completing the unit wells listed on the attached Exhibit "A" which are located in Uintah County, Utah.

This designation of agent does not relieve the Unit Operator of responsibility for compliance with the terms of the unit agreement. It is also understood that this designation of agent does not constitute an assignment of any interest under the unit agreement or any lease committed thereto.

The designated agent will be responsible for compliance with the Oil and Gas Operating Regulations as they relate to the drilling, testing, and completing of each of the subject wells. In accordance with 3104.2, bonding shall be provided by EOG Resources, Inc., Bond No. NM2308.

This designation of agent is deemed to be temporary and in no manner a permanent arrangement.

This designation is given only to enable the agent herein designated to drill the above specified unit wells. Unless sooner terminated, this designation shall terminate as to each well when there is filed in the appropriate district office of the Bureau of Land Management a completed file of all required Federal reports pertaining to that well. At which time the Unit Operator shall assume all liability of that well and bonding shall be provided by the Unit Operator or as otherwise arranged by the unit agreement. It is also understood that this designation of agent is limited to field operations and does not cover administrative actions requiring specific authorization of the Unit Operator.

**WESTPORT OIL AND GAS COMPANY, L.P.,
Unit Operator**

By: Carter G. Mathies
Carter G. Mathies
Vice President and General Manager

Date: 9-17-03

EXHIBIT "A"

Attached to and made a part of that certain Designation of Agent dated September 17, 2003
2003, from Westport Oil and Gas Company, L.P. to EOG Resources, Inc.

WELL NAME	LOCATION			
	DIV	SEC	TWP	RGE
NBU 437-18E	SESE	18	10	21
NBU 535-17E	NWSW	17	10	21
NBU 536-18E	SESW	18	10	21
NBU 537-18E	NWSE	18	10	21

All Township and Range references are South and East of the Salt Lake Meridian in Uintah
County, Utah.

Desofagent-nbu

EOG Resources, Inc.
P.O. 1910
Vernal, UT 84078

March 1, 2004

Utah Division of Oil, Gas, & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: APPLICATION FOR PERMIT TO DRILL
NATURAL BUTTES UNIT 437-18E
SE/SE, SEC. 18, T10S, R21E
UINTAH COUNTY, UTAH
LEASE NO.: U-02270-A
UTAH STATE LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter
P.O. Box 1910
Vernal, UT 84078
Phone: (435)789-4120
Fax: (435)789-1420

Sincerely,


Ed Trotter
Agent
EOG Resources, Inc.

Attachments

RECEIVED
MAR 03 2004
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

2. Name of Operator
EOG RESOURCES, INC.

3a. Address **P.O. BOX 1815
VERNAL, UT 84078**

3b. Phone No. (Include area code)
(435)789-0790

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface **322' FSL, 748' FEL 4421994 Y SE/SE 39.94136**
At proposed prod. Zone **62069 X -109.58737**

5. Lease Serial No.

U-02270-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.
NATURAL BUTTES UNIT

8. Lease Name and Well No.

NATURAL BUTTES UNIT 437-18E

9. API Well No.

43-047-35499

10. Field and Pool, or Exploratory

NATURAL BUTTES

11. Sec., T., R., M., or Blk. and Survey or Area

**SEC. 18, T10S, R21E,
S.L.B.&M.**

14. Distance in miles and direction from nearest town or post office*

14.9 MILES SOUTHEAST OF OURAY, UTAH

12. County or Parish

UINTAH

13. State

UTAH

15. Distance from proposed*

location to nearest **322'**
property or lease line, ft.
(Also to nearest drig. Unit line, if any)

16. No. of Acres in lease

2167

17. Spacing Unit dedicated to this well

'

18. Distance from proposed location*

to nearest well, drilling, completed,
applied for, on this lease, ft. See Topo Map C

19. Proposed Depth

6150'

20. BLM/BIA Bond No. on file

NM-2308

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5121.2 FEET GRADED GROUND

22. Approximate date work will start*

UPON APPROVAL

23. Estimated duration

45 DAYS

24. Attachments

Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature

Ed Trotter

Name (Printed/Typed)

Ed Trotter

MAR 03 2004

Date

March 1, 2004

Title

Agent

DIV. OF OIL, GAS & MINING

Approved by (Signature)

Bradley G. Hill

Name (Printed/Typed)

**BRADLEY G. HILL
ENVIRONMENTAL SCIENTIST III**

Date

03-18-04

Title

Office

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of Approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

T10S, R21E, S.L.B.&M.

EOG RESOURCES, INC.

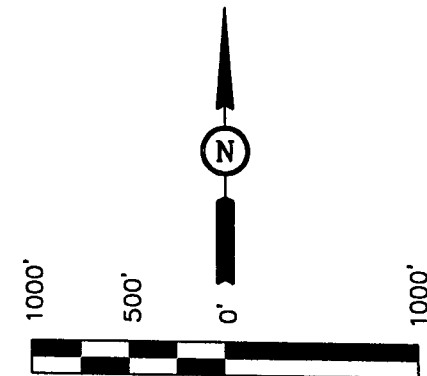
Well location, NBU #437-18E, located as shown in the SE 1/4 SE 1/4 of Section 18, T10S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

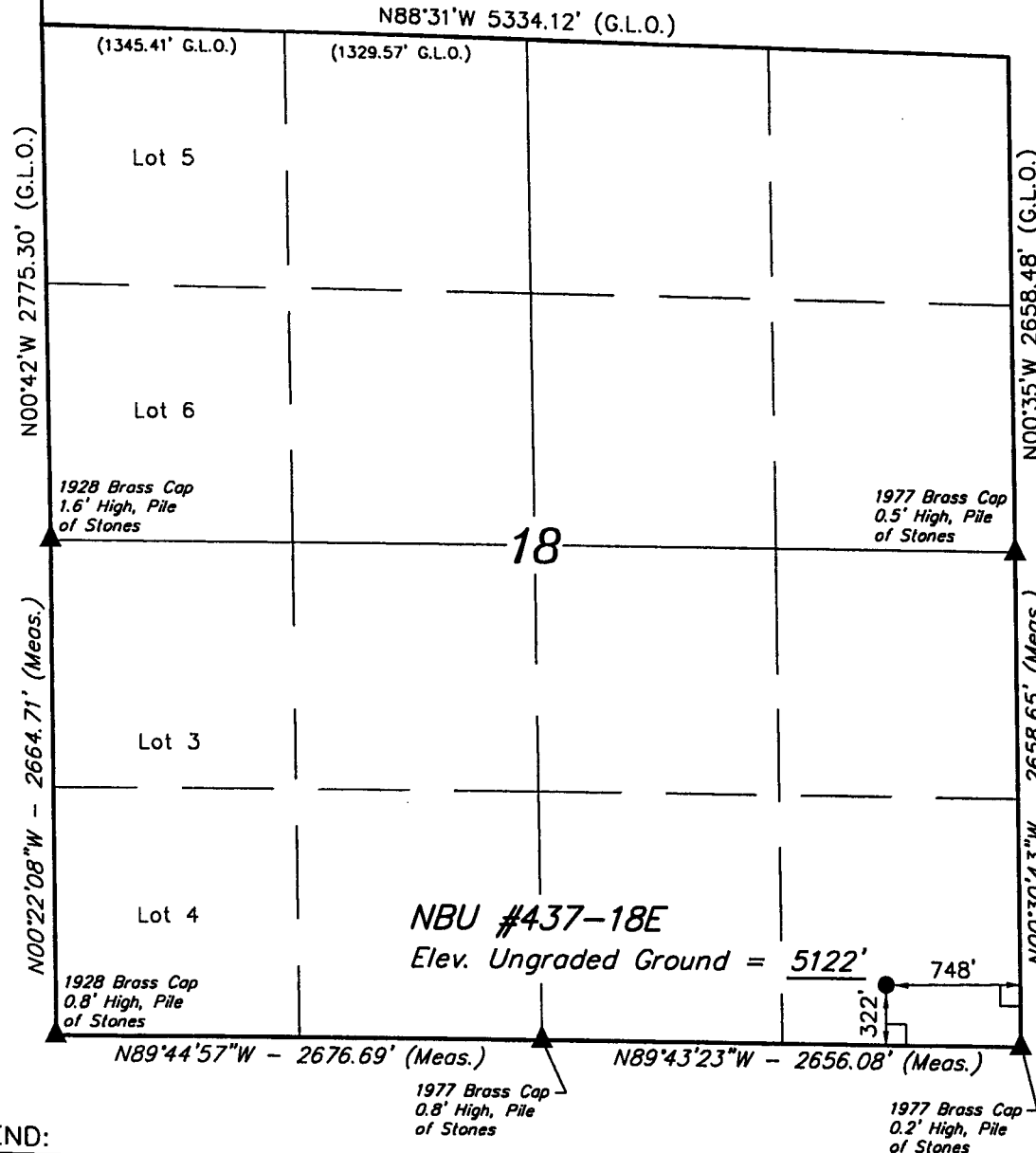
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REVISED: 02-19-04 D.COX

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 08-12-03	DATE DRAWN: 09-19-03
PARTY D.A. R.D. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE EOG RESOURCES, INC.	

**R
20
E**



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 27)
LATITUDE = 39°56'28.84" (39.941344)
LONGITUDE = 109°35'14.06" (109.587239)

EIGHT POINT PLAN

NATURAL BUTTES UNIT 437-18E
SE/SE, SEC. 18, T10S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River	3,840'
Wasatch	4,490'
Chapita Wells	5,046'
Buck Canyon	5,766'

EST. TD: 6150

Anticipated BHP 2700 PSI

3. PRESSURE CONTROL EQUIPMENT: 3000 PSIG BOP Schematic Diagram attached.

4. CASING PROGRAM:

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>THREAD</u>	<u>RATING FACTOR</u>		
							<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
12 1/4"	0' - 250' +/-KB	250 +/-	9 5/8"	36.0 #	J-55	STC	2020 PSI	3520 PSI	394,000#
7 7/8"	250' - TD +/-KB	6150' +/-	4 1/2"	11.6 #	J-55	STC	4960 PSI	5350 PSI	184,000#

All casing will be new or inspected.

5. Float Equipment:

Surface Hole Procedure (0-250' Below GL):

Guide Shoe

Insert Baffle

Wooden wiper plug

Centralizers: 1 – 5-10' above shoe, every collar for next 3 joints (4 total).

Float Equipment- Production Hole Procedure (250'-TD):

Texas-Pattern shoe, short casing shoe joint ($\pm 20'$), Float Collar, and balance of casing to surface. Run short casing joint (less than 38') at $\pm 4,100'$ (1000' above projected top of Wasatch). Centralize 5' above shoe on joint #1, top of joint #2, then every 4th joint to **4,000' (400' above Wasatch top - 15 total)**. Thread lock shoe, top and bottom of FC, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (0-250' below GL):

Air – Air Water Mist

EIGHT POINT PLAN

NATURAL BUTTES UNIT 437-18E **SE/SE, SEC. 18, T10S, R21E, S.L.B.&M.** **UINTAH COUNTY, UTAH**

MUD PROGRAM (Continued):

Production Hole Procedure (250'-TD):

200'- 1700': Water (circulate through reserve pit). Anco-Drill sweeps for hole cleaning, Paper sweeps to seal off loss zones. Add LIME to reserve pit to keep clear.

1700-4900': Continue as above as far as possible. Should it become necessary to trip for a bit prior to reaching TD, either slug drill pipe and fill hole with brine, or with 9.2-ppg mud (pre-mixed in rig mud tanks) to control gas. Once back on bottom after trip, turn flow back and re-circulate through reserve pit to resume drilling ahead. Stay on as clear of fluid as long as possible. Try to control any fluid losses if drilling on clear fluid with paper LCM. Add LIME and Gyp if needed to control alkalinities.

4900'-TD: Continue sweeping hole with Anco-Drill for hole cleaning. Again, should it become necessary to trip for a bit prior to reaching TD, either slug drill pipe and fill hole with brine or with 9.2 ppg mud (pre-mixed in rig mud tanks) to control gas. Once back on bottom after trip, turn flow back and re-circulate through reserve pit to resume drilling ahead. Stay on as clear of fluid as long as possible. Increase Anco-Drill sweep frequency as you near TD in preparation to logging and running casing. Be alert at all times while drilling the Wasatch on water for any signs of hole sloughing (i.e. tight connections, fill, etc.). Should sloughing be detected, immediately mud up the hole. If mud-up becomes necessary to log, run casing, for hole sloughing or to control water and gas flows, mix Gel, Anco-Drill and Aqua-Pac if chloride content of mud will allow or SALT GEL and STARCH if chloride content is high. When mudding up, add 6% LCM (mixture of Cedar Fiber, Paper, Cottonseed Hulls and Sawdust) to control losses.

7. VARIANCE REQUESTS:

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- C. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

8. EVALUATION PROGRAM:

Logs: RST (reservoir saturation tool) cased hole logs will be run from TD to surface.

EIGHT POINT PLAN

NATURAL BUTTES UNIT 437-18E SE/SE, SEC. 18, T10S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH

9. CEMENT PROGRAM:

Surface Hole Procedure (0-250' Below GL)

Lead: 200 sks. (100% excess volume) Class 'G' cement with 2% S1 (CaCl₂) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.15. ft³/sk., 4.95 gps water.

Top Out: Top out with Class 'G' cement with 2% S1 (CaCl₂) in mix water, 15.8 ppg,, 1.15. ft³/sk., 4.95 gps via 1" tubing set at 25' if needed.

CEMENT PROGRAM (Continued):

Production Hole Procedure (250' to TD)

Lead: 100 sks: Class 'G' lead cement with 5% D44 (Salt), 12% D20 (Bentonite), 1% D79% (Extender), 0.25% D112 (Fluid Loss Additive), 0.2% D46 (Anti-Foamer) & 0.25 pps D29 (Cellophane flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: 250 sks: 50:50 Poz G w/ 2% D20 (Bentonite), 10% D44 (Salt), mixed at 14.1 ppg, 1.35 cu. ft./sk., 5.0 gps water. 50:50 Poz G w/ 2% D20 (Bentonite), 10% D44 (Salt), mixed at 14.1 ppg, 1.35 ft³/sk., 5.0 gps water.

10. ABNORMAL CONDITIONS:

PRODUCTION HOLE (250'-TD)

Potential Problems: Lost circulation, asphaltic, black oil flows, large Trona water flows and gas flows may be encountered in the Green River, beginning at $\pm 1,717'$. Other wells in the general area of the NBU 534-18E (all drilled with air/mist or aerated water) reported problems with sloughing formation in the Wasatch while attempting to mud up for logs or to run casing.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

**CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL**

Company/Operator: EOG Resources, Inc.
Well Name & Number: Natural Buttes Unit 437-18E
Lease Number: U-02270-A
Location: 322' FSL & 748' FEL, SE/SE, Sec. 18,
T10S, R21E, S.L.B.&M.,
Uintah County, Utah

Surface Ownership: STATE OF UTAH

NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice: - at least twenty-four (24) hours prior to spudding the well.

Casing String and
Cementing - twenty-four (24) hours prior to running casing and cementing all casing strings.

BOP and related
Equipment Tests - twenty-four (24) hours prior to running casing and tests.

First Production
Notice - within five (5) business days after new Well begins or production resumes after Well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 14.9 miles southeast of Ouray, Utah - See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be approximately 0.3 miles in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

All travel will be confined to existing access road Right-of-Way. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication: Surface Operating Standards For Oil & Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Diverting water off at frequent intervals by means of cutouts shall prevent erosion of drainage ditches by

run off water. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. **LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION**

- A. Abandoned wells - 1*
 - B. Temporarily abandoned wells - 1*
 - C. Producing wells - 4*
 - D. Shut in wells - 2*
- (*See attached TOPO map "C" for location)

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

A. **ON WELL PAD**

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of well head valves, separator, dehy, 210 Bbl condensate tank, meter house and attaching piping.
- 2. Gas gathering lines - A 4" gathering line will be buried from dehy to the edge of the location.

B. **OFF WELL PAD**

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. A 4" OD steel above ground natural gas pipeline will be laid approximately 2159' from proposed location to a point in the NW/NE of Section 19, T10S, R21E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses State of Utah administered lands within the Chapita Wells Unit, thus a Right-of - Way grant will be not be required.
- 3. Proposed pipeline will be a 4" OD steel, welded line laid on the surface.
- 4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

The production facilities will be placed on the Southeast side of the location.

5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from the Ouray Municipal Water Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Section 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.

- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore

hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge.

8. **ANCILLARY FACILITIES**

- A. No airstrips or camps are planned for this well.

9. **WELLSITE LAYOUT**

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the Southeast corner of the location.

The flare pit will be located downwind of the prevailing wind direction on the South side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil will be stored East of Corner #4, as well as East and North of Corner #6.

Access to the well pad will be from the West.

Corner #2 will be rounded off to minimize excavation.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

10. PLANS FOR RESTORATION OF SURFACE

A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

11. SURFACE OWNERSHIP

Access road: State of Utah

Location: State of Utah

12. OTHER INFORMATION

A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used.
- a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification

from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

PERMITTING AGENT

Ed Trotter
P.O. Box 1910
Vernal, UT 84078
Telephone: (435)789-4120
Fax: (435)789-1420

DRILLING OPERATIONS

Donald Presenkowski
EOG Resources, Inc.
P.O. Box 250
Big Piney, WY 83113
Telephone: (307)276-4865

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Please be advised that EOG Resources, Inc. is considered to be the operator of the **Natural Buttes Unit 437-18E Well, located in the SE/SE Section 18, T10S, R21E, Uintah County, Utah; Lease #U-02270-A;** and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is provided under Bond #NM 2308.

3-1-2004
Date

Ed Trotter
Agent

EOG RESOURCES, INC.
NBU #437-18E
SECTION 18, T10S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 2.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 1.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 45.9 MILES.

EOG RESOURCES, INC.

NBU #437-18E

LOCATED IN UINTAH COUNTY, UTAH

SECTION 18, T10S, R21E, S.L.B.&M.

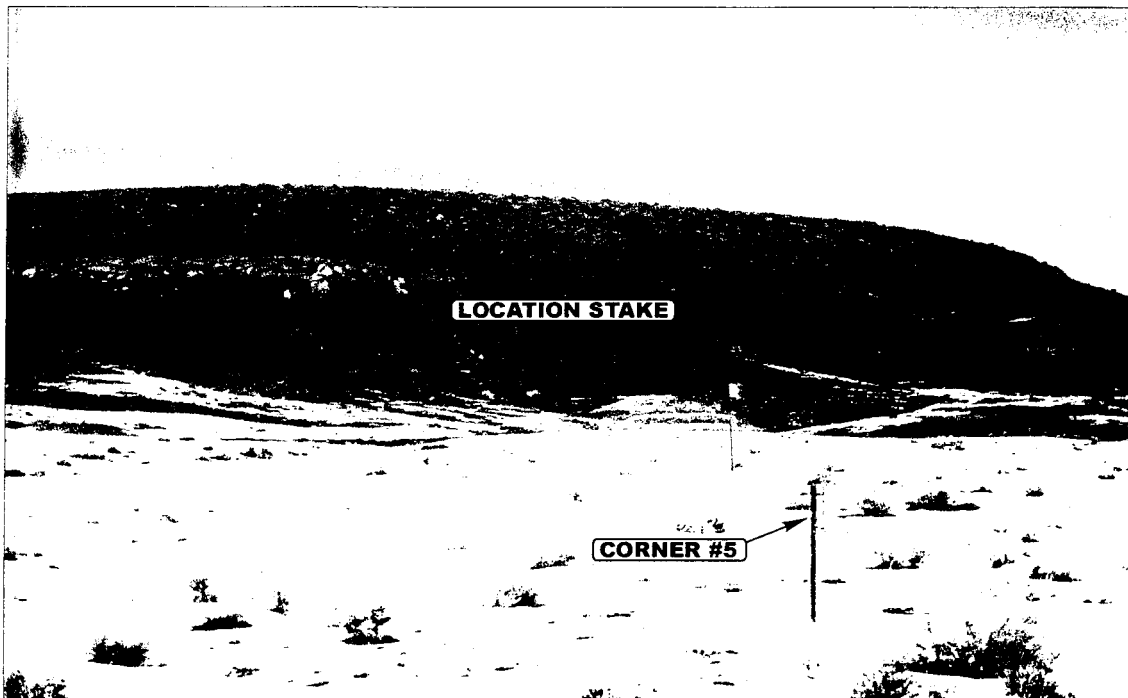


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY



- Since 1964 -

EELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS			09	24	03	PHOTO
TAKEN BY: D.A.			MONTH	DAY	YEAR	
DRAWN BY: P.M.			REVISED: 02-10-04			

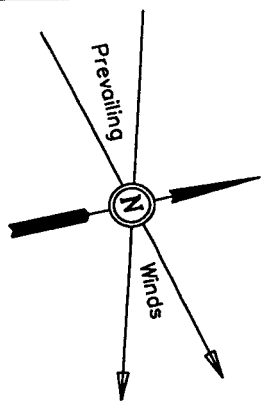
EOG RESOURCES, INC.

LOCATION LAYOUT FOR

NBU #437-18E

SECTION 18, T10S, R21E, S.L.B.&M.

322' FSL 748' FEL



SCALE: 1" = 50'
DATE: 02-19-04
Drawn By: D.COX

NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.

Approx. Top of Cut Slope

El. 124.6'
C-15.4'
(btm. pit)

Reserve Pit Backfill & Spoils Stockpile

15' WIDE BENCH

Pit Capacity With 2' of Freeboard is ± 12,250 Bbls.

RESERVE PITS (12' Deep)

Sta. 0+18

El. 125.8'
C-16.6'
(btm. pit)

20' WIDE BENCH

C-4.0'
El. 125.2'

T.S.

C-3.5'
El. 124.7'

Topsoil Stockpile

Pit Topsoil

DATA

65'

175'

C-2.6'
El. 123.8'

CATWALK

PIPE RACKS

C-2.7'
El. 123.9'

20' WIDE BENCH

46'

29'

36'

RIG

DOG HOUSE

135'

C-1.3'
El. 122.5'

F-3.9'
El. 117.3'

WATER

PUMP

MUD SHED

HOPPER

POWER

TOOLS

FUEL

TRASH

150'

C-3.6'
El. 124.8'

Round Corners as needed

TOILET

FUEL

STORAGE TANK

F-12.5'
El. 108.7'

Proposed Access Road To #535-17E

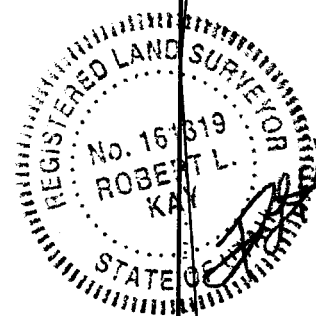
Proposed Access Road

C-1.1'
El. 122.3'

Sta. 3+25

Sta. 1+50

Sta. 0+00



Elev. Ungraded Ground at Location Stake = 5122.5'
Elev. Graded Ground at Location Stake = 5121.2'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

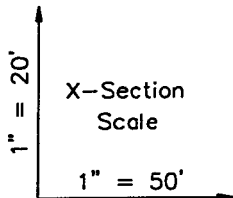
EOG RESOURCES, INC.

TYPICAL CROSS SECTIONS FOR

NBU #437-18E

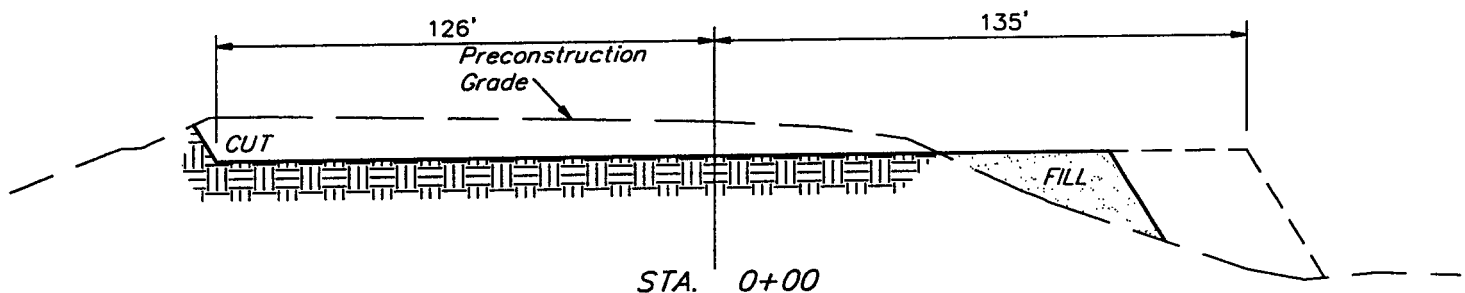
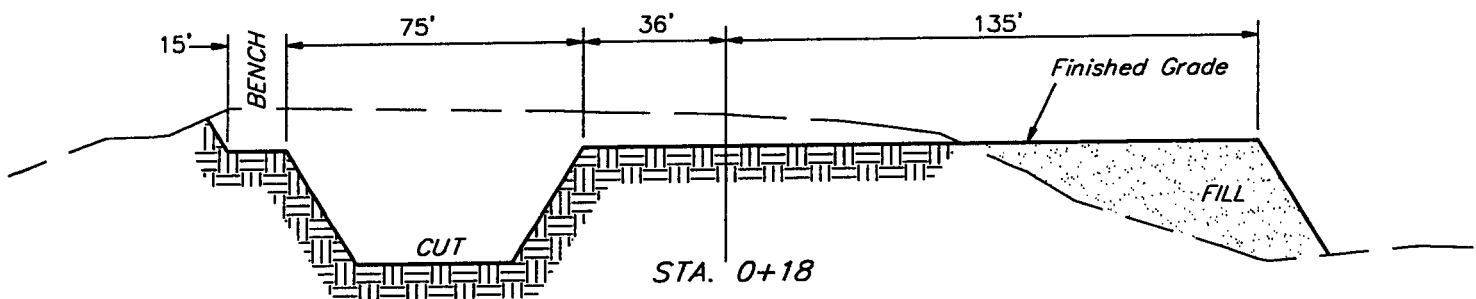
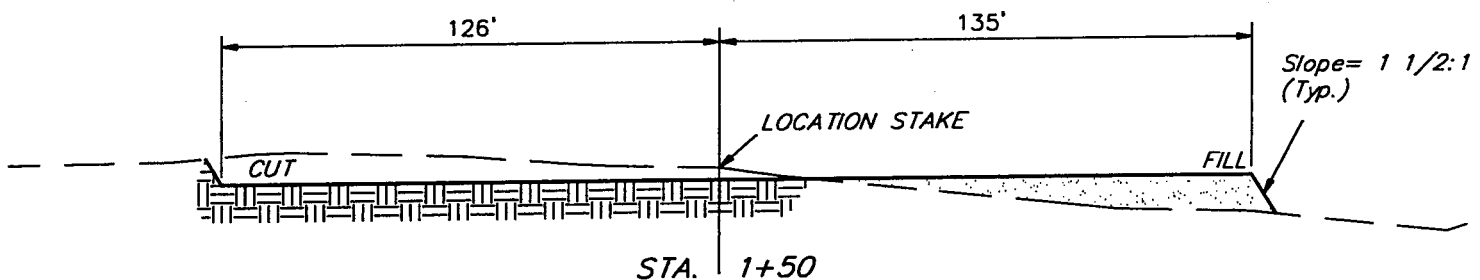
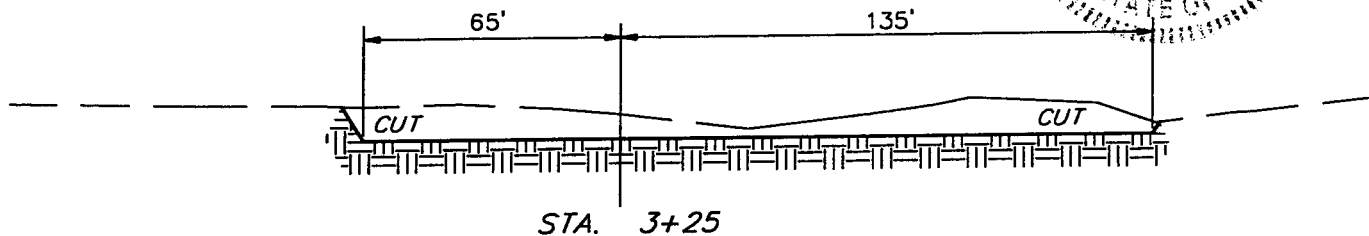
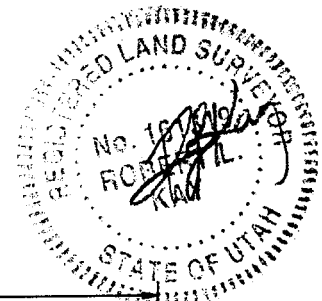
SECTION 18, T10S, R21E, S.L.B.&M.

322' FSL 748' FEL



DATE: 02-19-04

Drawn By: D.COX

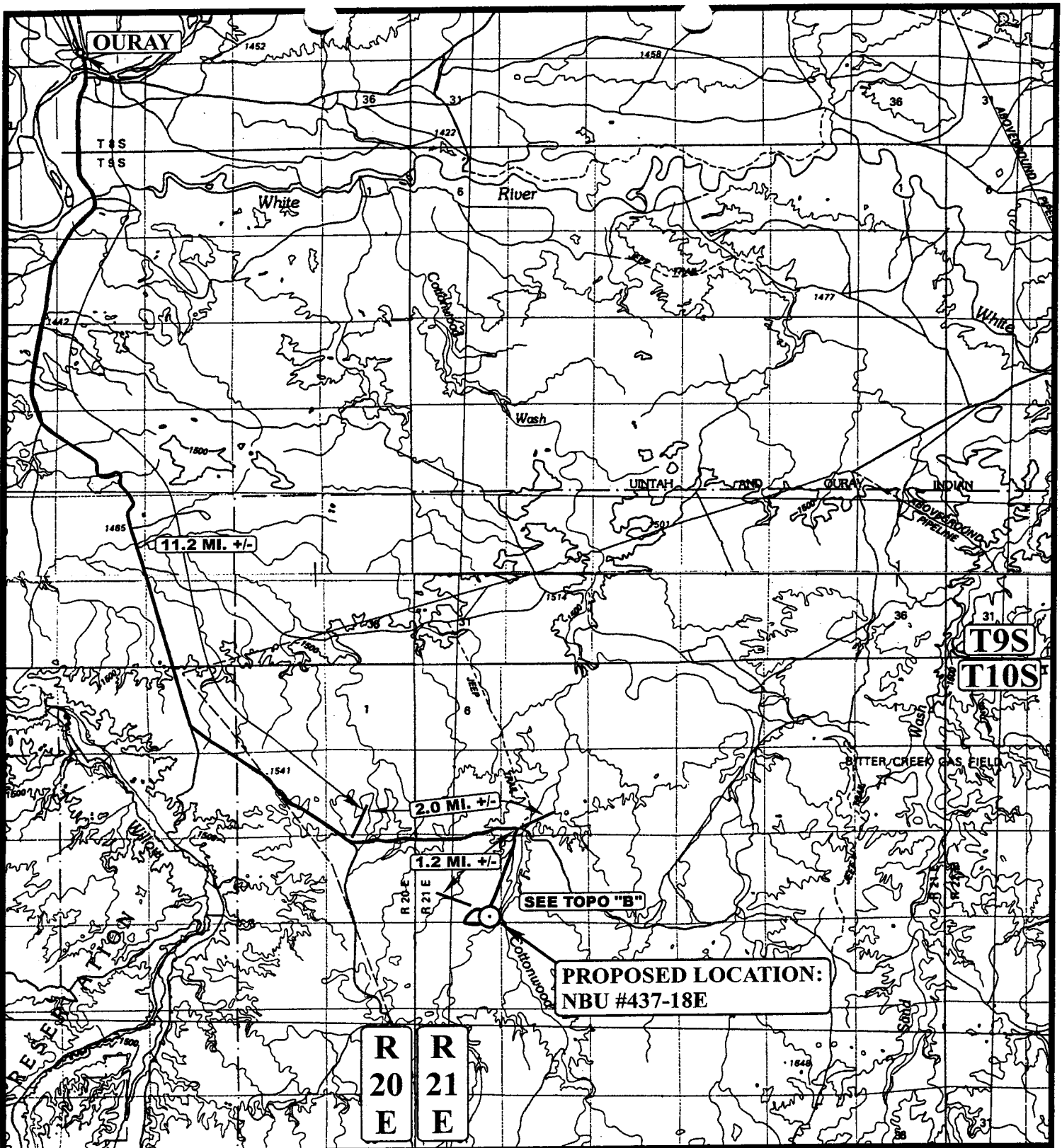


APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	1,430 Cu. Yds.
Remaining Location	=	6,550 Cu. Yds.
TOTAL CUT	=	7,980 CU.YDS.
FILL	=	4,650 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	=	3,090 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	3,090 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



LEGEND:

○ PROPOSED LOCATION



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



EOG RESOURCES, INC.

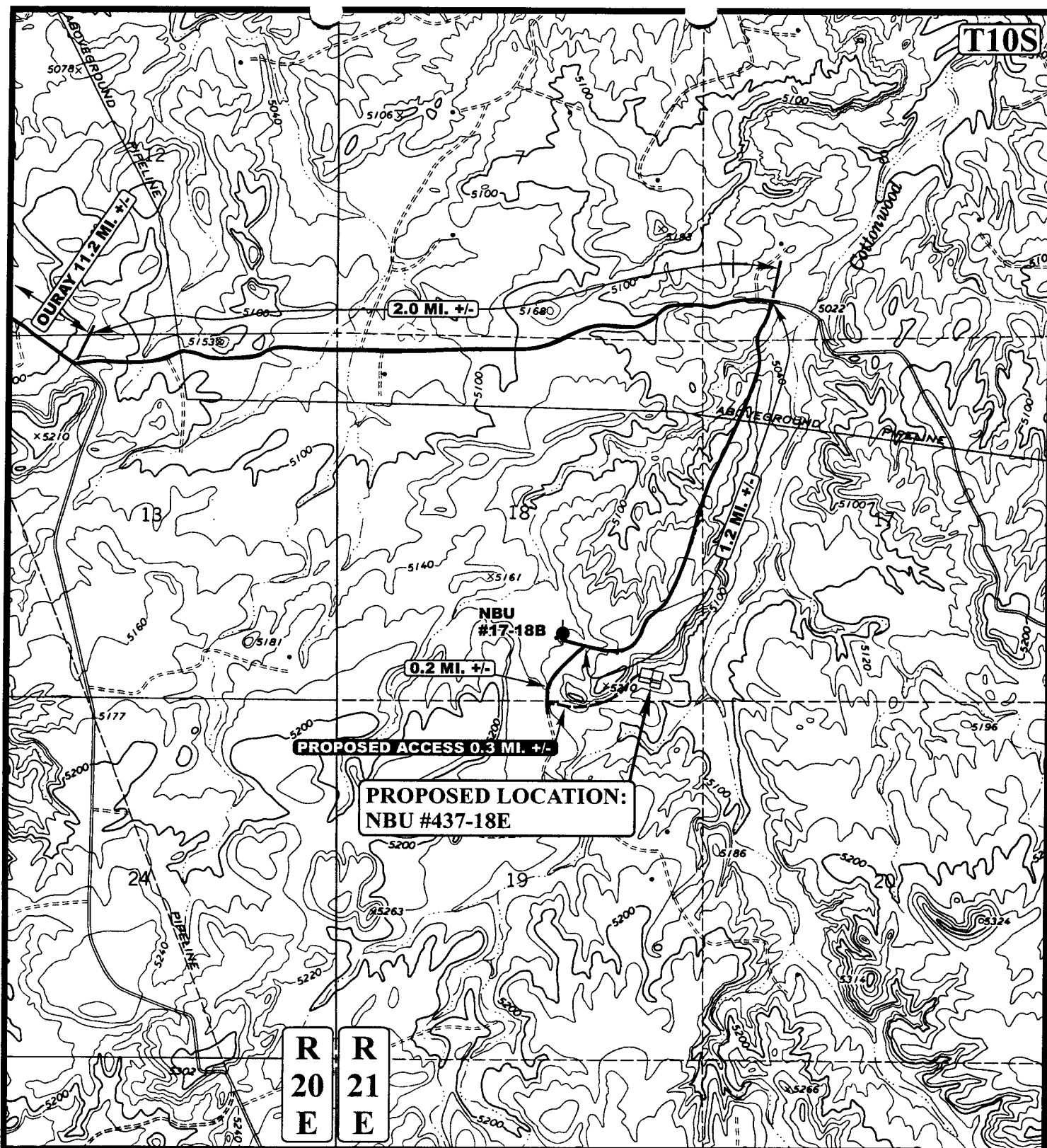
NBU #437-18E
SECTION 18, T10S, R21E, S.L.B.&M.
322' FSL 748' FEL

TOPOGRAPHIC
MAP

09 24 03
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 02-10-04





LEGEND:

PROPOSED ACCESS ROAD
 EXISTING ROAD



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

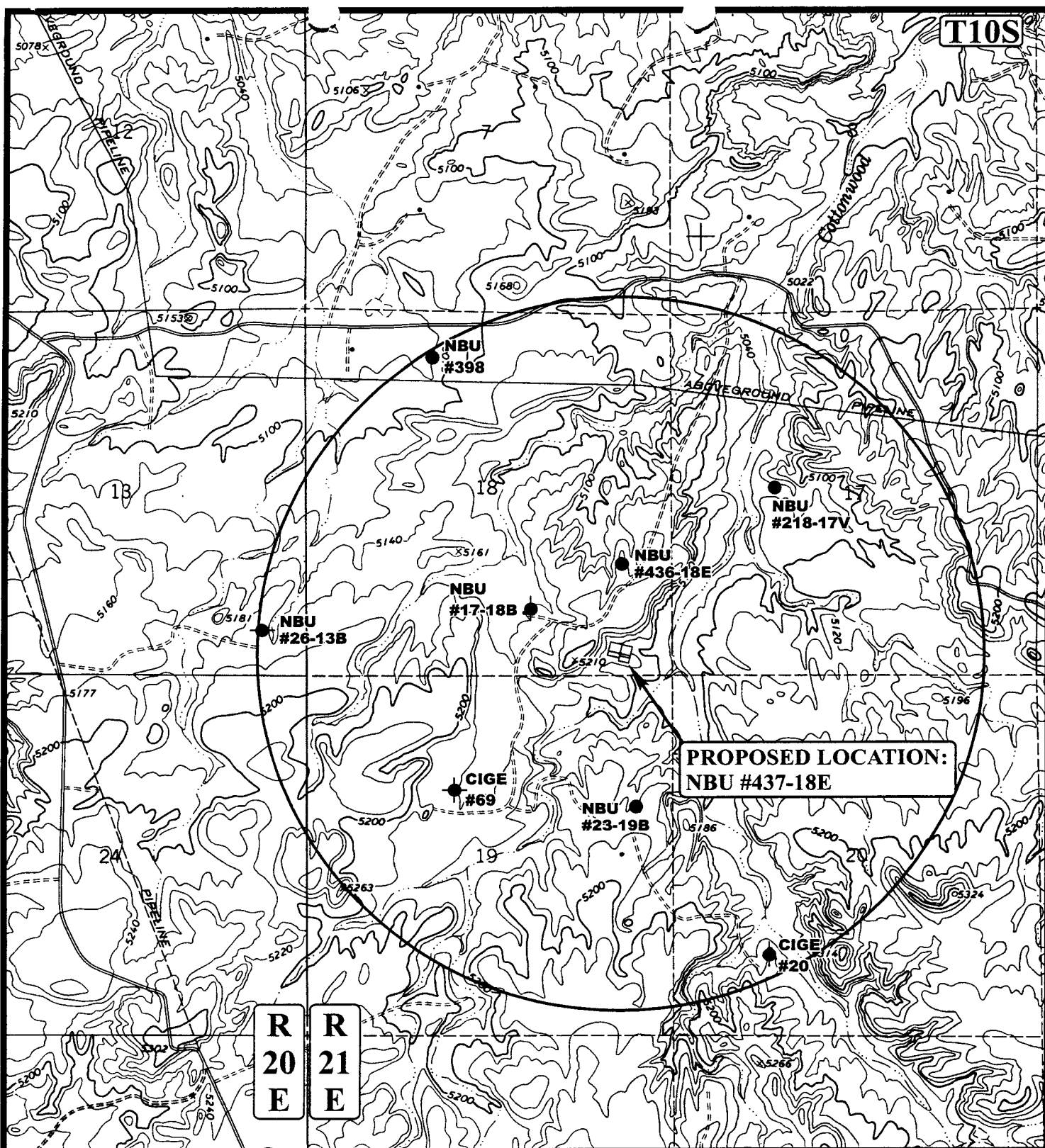


EOG RESOURCES, INC.

NBU #437-18E
 SECTION 18, T10S, R21E, S.L.B.&M.
 322' FSL 748' FEL

TOPOGRAPHIC MAP
 09 24 03
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 02-10-04





LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



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 85 South 200 East Vernal, Utah 84078
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EOG RESOURCES, INC.

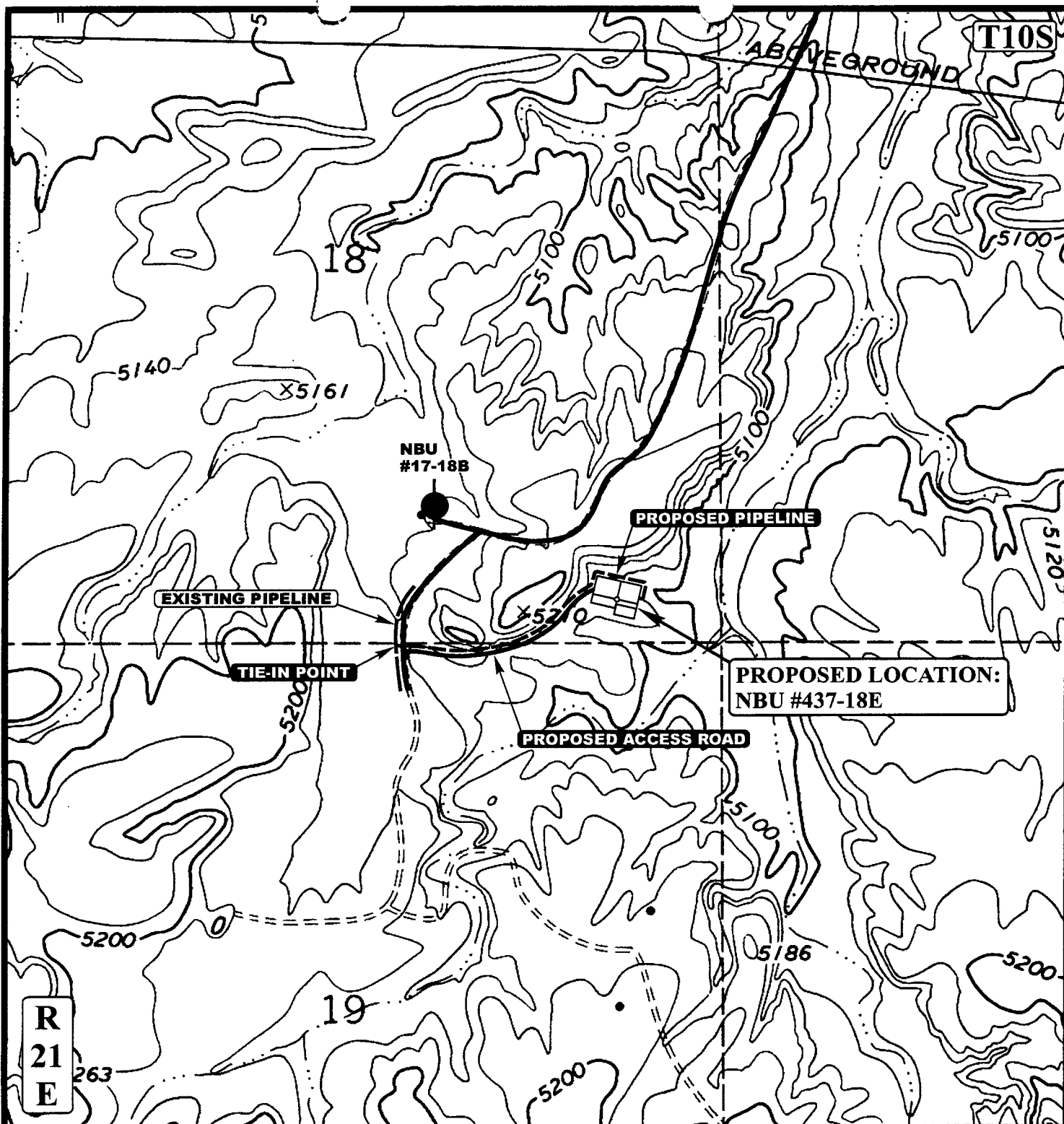
NBU #437-18E
 SECTION 18, T10S, R21E, S.L.B.&M.
 322' FSL 748' FEL

TOPOGRAPHIC
 MAP

09 24 03
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 02-10-04





APPROXIMATE TOTAL PIPELINE DISTANCE = 2,159' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE



EOG RESOURCES, INC.

NBU #437-18E
SECTION 18, T10S, R21E, S.L.B.&M.
322' FSL 748' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP
09 24 03
MONTH DAY YEAR
SCALE: 1" = 1000' DRAWN BY: P.M. REVISED: 02-10-04

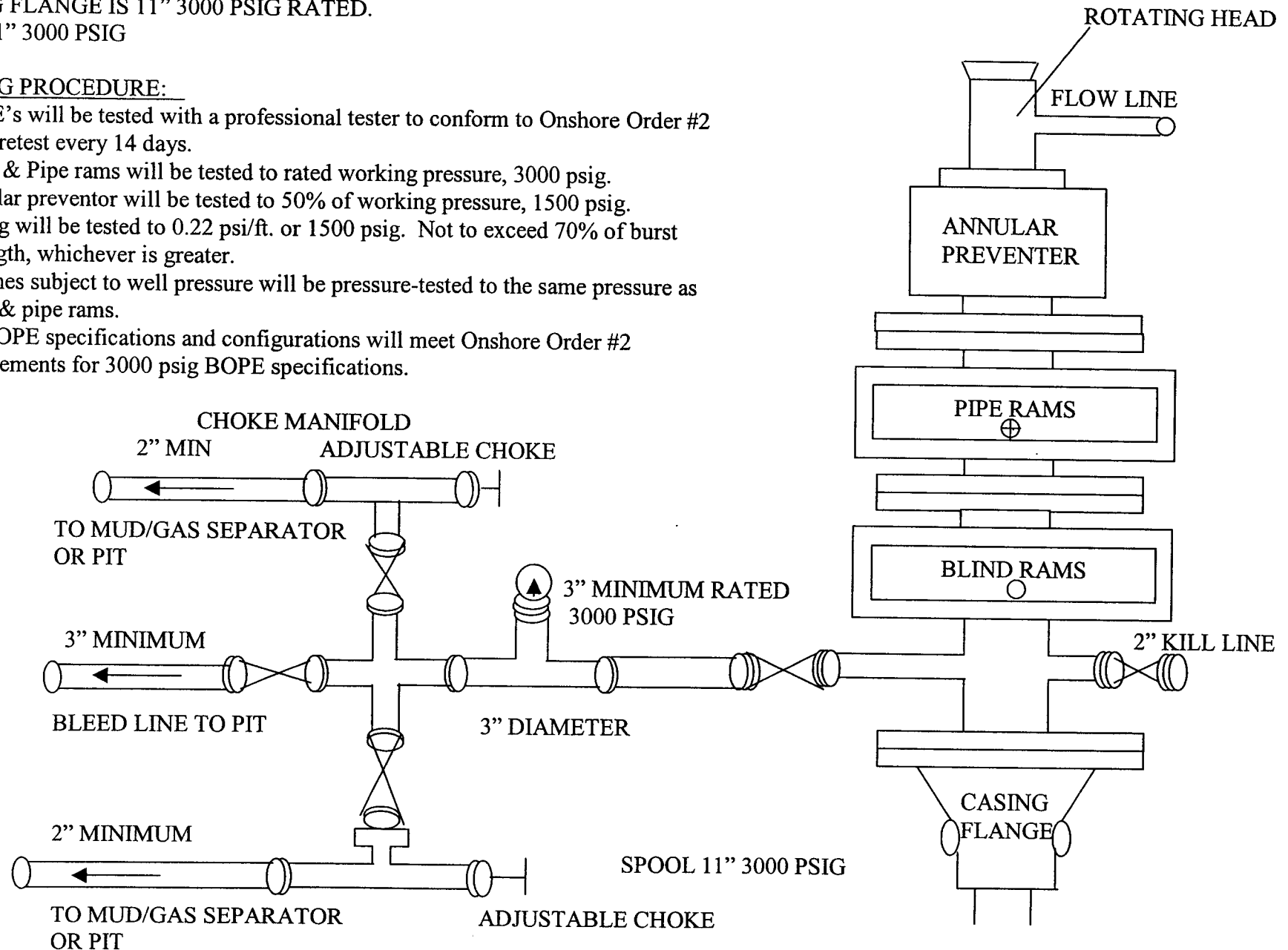


3000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 PSIG RATED.
CASING FLANGE IS 11" 3000 PSIG RATED.
BOPE 11" 3000 PSIG

TESTING PROCEDURE:

1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 3000 psig.
3. Annular preventor will be tested to 50% of working pressure, 1500 psig.
4. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 3000 psig BOPE specifications.



003

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/03/2004

API NO. ASSIGNED: 43-047-35499

WELL NAME: NBU 437-18E

OPERATOR: EOG RESOURCES INC (N9550)

CONTACT: ED TROTTER

PHONE NUMBER: 435-789-4120

PROPOSED LOCATION:

SESE 18 100S 210E

SURFACE: 0322 FSL 0748 FEL

BOTTOM: 0322 FSL 0748 FEL

UINTAH

NATURAL BUTTES (630)

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-02270-A

SURFACE OWNER: 3 - State

PROPOSED FORMATION: WSTC

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 39.94136

LONGITUDE: 109.58737

RECEIVED AND/OR REVIEWED:

☒ Plat☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. NM-2308)☒ Potash (Y/N)☒ Oil Shale 190-5 (B) or 190-3 or 190-13☒ Water Permit
(No. 49-1501)☒ RDCC Review (Y/N)
(Date:)☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

R649-2-3.

Unit NATURAL BUTTES

R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 173-14

Eff Date: 12-2-1999

Siting: 460' fr a boundary? Unknown tract

R649-3-11. Directional Drill

COMMENTS:

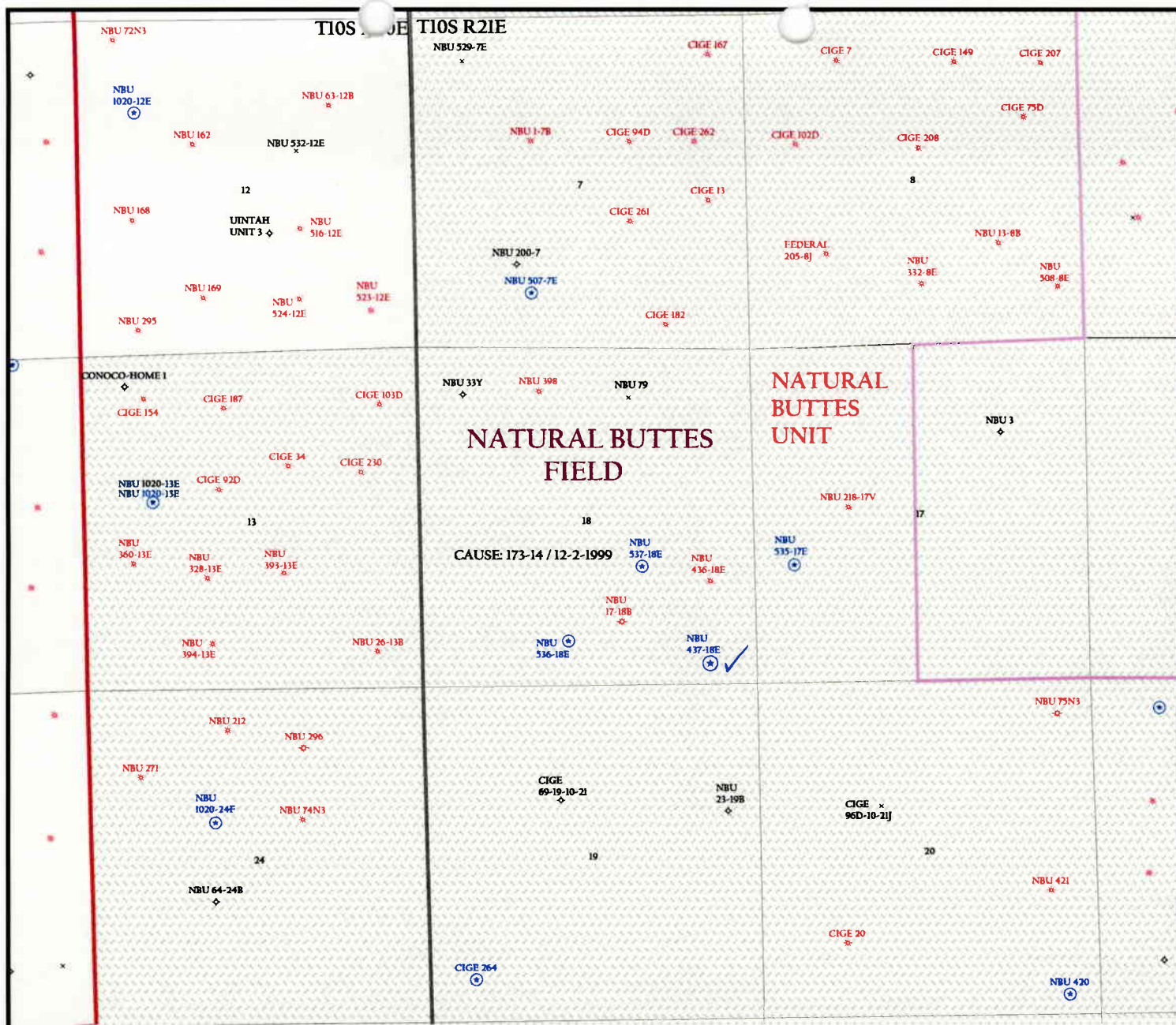
Need Permit (03-17-04)

STIPULATIONS:

1- Federal Approval

2- OIL SHALE

3- STATEMENT OF BASIS



OPERATOR: EOG RESOURCES INC (N9550)

SEC. 18 T.10S, R.21E

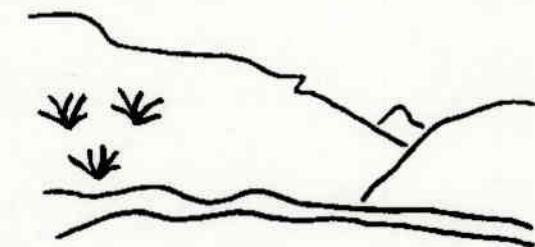
FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999

Wells	Unit Status
• GAS INJECTION	□ EXPLORATORY
• GAS STORAGE	□ GAS STORAGE
• LOCATION ABANDONED	□ NF PP OIL
• NEW LOCATION	□ NF SECONDARY
• PLUGGED & ABANDONED	□ PENDING
• PRODUCING GAS	□ PI OIL
• PRODUCING OIL	□ PP GAS
• SHUT-IN GAS	□ PP GEOTHERML
• SHUT-IN OIL	□ PP OIL
• TEMP. ABANDONED	□ SECONDARY
• TEST WELL	□ TERMINATED
• WATER INJECTION	
• WATER SUPPLY	
• WATER DISPOSAL	

Field Status
□ ABANDONED
□ ACTIVE
□ COMBINED
□ INACTIVE
□ PROPOSED
□ STORAGE
□ TERMINATED



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 5-MARCH-2004

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: EOG RESOURCES INC
WELL NAME & NUMBER: NBU 437-18E
API NUMBER: 43-047-35499
LEASE: U-02270-A **FIELD/UNIT:** NATURAL BUTTES
LOCATION: 1/4, 1/4 SE/SE **Sec:** 18 **TWP:** 10S **RNG:** 21E 748' **FEL** 322' **FSL**
LEGAL WELL SITING: 460' from unit boundary and uncommitted tracts.
GPS COORD (UTM): 620701E 4421996N **SURFACE OWNER:** STATE OF UTAH.

PARTICIPANTS

DAVID W. HACKFORD (DOGM), ED TROTTER (EOG), FLOYD BARTLETT (DWR).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

SITE IS ON A RELATIVELY LEVEL FLAT WITH A SHARP RIDGE 300' NORTHWEST OF PROPOSED LOCATION. THIS RIDGE RUNS NORTHEAST TO SOUTHWEST. COTTONWOOD WASH IS 600' TO THE SOUTHEAST. THIS WASH RUNS TO THE WHITE RIVER NINE MILES TO THE SOUTH. OURAY, UTAH IS 14.9 MILES TO THE NORTHWEST.

SURFACE USE PLAN

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING, HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 325' BY 246'. PROPOSED ACCESS IS 0.3 MILES.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP FROM GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: NEW PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED AFTER DRILLING WELL. A GAS PIPELINE WILL FOLLOW THE ACCESS ROAD.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL WILL BE BORROWED FROM SITE DURING CONSTRUCTION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: HORSEBRUSH, SHADSCALE, PRICKLEY PEAR, GREASEWOOD, INDIAN RICEGRASS: PRONGHORN, COYOTES, SONGBIRDS, RAPTORS, RODENTS, RABBITS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL EROSION.
SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION
SHOULDN'T CAUSE AN INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT

CHARACTERISTICS: 147' BY 75' AND 12' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A 12 MIL LINER WILL BE
REQUIRED FOR RESERVE PIT.

SURFACE RESTORATION/RECLAMATION PLAN: AS PER S.I.T.L.A.

SURFACE AGREEMENT: AS PER STATE OF UTAH

CULTURAL RESOURCES/ARCHAEOLOGY: SITE HAS BEEN INSPECTED BY JIM TRUESDALE.

OTHER OBSERVATIONS/COMMENTS

THIS PREDRILL INVESTIGATION WAS CONDUCTED ON A WARM, SUNNY DAY WITH NO
SNOW COVER.

ATTACHMENTS

PHOTOS OF THIS SITE WERE TAKEN AND PLACED ON FILE.

DAVID W. HACKFORD
DOGM REPRESENTATIVE

3/17/04 10:30 AM
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>5</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

Final Score 20 (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.





**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

OPERATOR: EOG RESOURCES, INC.
WELL NAME & NUMBER: NATURAL BUTTES UNIT 437-18E
API NUMBER: 43-047-35499
LOCATION: 1/4, 1/4 SE/SE Sec: 18 TWP: 10S RNG: 21E 748' FEL 322' FSL

Geology/Ground Water:

The proposed well is on a mineral lease owned by the Federal Government. The BLM will evaluate and approve the proposed casing and cementing program.

Reviewer: Brad Hill **Date:** 03/18/2004

Surface:

The predrill investigation of the surface was performed on 03/17/04. This site is on State surface with USA minerals. S.I.T.L.A. and D.W.R. were notified of this investigation on 3/09/2004. Floyd Bartlett was present and represented the D.W.R. S.I.T.L.A. did not have a representative present. Mr. Bartlett had no concerns regarding the construction of this location or the drilling of this well, except he noted that there was a golden eagle nest 0.25 miles to the north, and he requested that EOG notify DWR if this well is ready to drill before July, and he would come out and check to see if the nest was occupied or not. If the nest is occupied, DWR would at that time request that drilling does not commence until after July 1st. Mr. Bartlett gave Mr. Trotter (EOG) a DWR approved seed mix for this area to be used when reserve pit is reclaimed. This site appears to be the best site in the immediate area for a location and well.

Reviewer: David W. Hackford **Date:** 03/17/2004

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

March 9, 2004

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2004 Plan of Development Natural Buttes Unit
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2004 within the Natural Buttes Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Wasatch)

43-047-35499 NBU 437-18E Sec 18 T10S R21E 0322 FSL 0748 FEL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Natural Buttes Unit
Division of Oil Gas and Mining
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:3-9-04



State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

MICHAEL O. LEAVITT
Governor

OLENE S. WALKER
Lieutenant Governor

March 18, 2004

EOG Resources, Inc.
P O Box 1815
Vernal, UT 84078

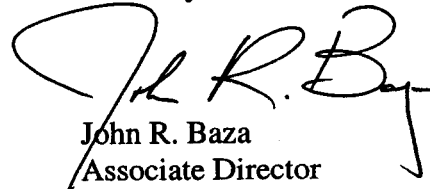
Re: Natural Buttes Unit 437-18E Well, 322' FSL, 748' FEL, SE SE, Sec. 18,
T. 10 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35499.

Sincerely,



John R. Baza
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: EOG Resources, Inc.
Well Name & Number Natural Buttes Unit 437-18E
API Number: 43-047-35499
Lease: U-02270-A

Location: SE SE Sec. 18 T. 10 South R. 21 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
6. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

005

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: ☒ DRILL

☐ REENTER

1b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

2. Name of Operator
EOG RESOURCES, INC.

3a. Address **P.O. BOX 1815
VERNAL, UT 84078**

3b. Phone No. (Include area code)
(435)789-0790

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface **322' FSL, 748' FEL**
At proposed prod. Zone

SE/SE

14. Distance in miles and direction from nearest town or post office*
14.9 MILES SOUTHEAST OF OURAY, UTAH

15. Distance from proposed*
location to nearest
property or lease line, ft. **322'**
(Also to nearest drig. Unit line, if any)

16. No. of Acres in lease
2167

17. Spacing Unit dedicated to this well

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft. See Topo Map C

19. Proposed Depth
6150'

20. BLM/BIA Bond No. on file
NM-2308

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5121.2 FEET GRADED GROUND

22. Approximate date work will start*
UPON APPROVAL

23. Estimated duration
45 DAYS

24. Attachments

Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature

Ed Trotter

Name (Printed/Typed)
Ed Trotter

RECEIVED

Date
March 1, 2004

Title

Agent

JUL 27 2004

Approved by (Signature)

Thomas B. Leavitt

Name (Printed/Typed)

DIV. OF OIL, GAS & MINING

Date

07/20/2004

Title

**Assistant Field Manager
Mineral Resources**

Office

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of Approval, if any, are attached.

NOTICE OF APPROVAL

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

CONDITIONS OF APPROVAL ATTACHED

045127/17

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: EOG Resources Inc.

Well Name & Number: NBU 437-18E

API Number: 43-047-35499

Lease Number: UTU - 02270-A

Location: SESE Sec. 18 TWN: 10S RNG: 21E

Agreement: Natural Buttes Unit

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JUL 27 2004

DIV. OF OIL, GAS & MINING

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Submit an electronic copy of all logs run on this well in LAS format. This submission will replace the requirement for submittal of paper logs to the BLM.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands encountered to John Mayers of this office prior to setting the next casing string or requesting plugging orders. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **3M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint. Surface casing setting depths are based on ground level elevations only.

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Green River Formation, identified at 1,305 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor proof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office.

All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874
Petroleum Engineer

Kirk Fleetwood (435) 828-7875
Petroleum Engineer

BLM FAX Machine (435) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids

DIVISION OF OIL, GAS AND MINING**SPUDDING INFORMATION**Name of Company: EOG RESOURCES INCWell Name: NBU 437-18EApi No: 43-047-35499 Lease Type: FED - ST SURFSection 18 Township 10S Range 21E County UINTAHDrilling Contractor PETE MARTIN'S RIG # BUCKET**SPUDDED:**Date 11/17/2004Time 9:00 AMHow DRY**Drilling will commence:** _____Reported by DALL COOKTelephone # 1-435-828-3630Date 11/18/2004 Signed CHD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

007

ENTITY ACTION FORM

Operator: EOG RESOURCES Operator Account Number: N 9650
Address: P.O. BOX 250
city BIG PINEY
state WY zip 83113 Phone Number: (307) 276-3331

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304735499	NATURAL BUTTES UNIT 437-18E		SESE	18	10S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>AB</i>	99999	<i>2900</i>	11/17/2004		<i>11/23/04</i>		
Comments: <i>WSTC = WSMVD</i>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Kaylene R. Gardner

Name (Please Print)

Signature
Regulatory Assistant11/15/2004
Date

RECEIVED

NOV 23 2004

(5/2000)

DIV. OF OIL, GAS & MINING

008

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U-02270-A
2. NAME OF OPERATOR EOG RESOURCES, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR P.O. BOX 250 BIG PINEY STATE WY ZIP 83113		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE 322 FSL 748 FEL 39.941344 LAT 109.587239 LON QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 18 10S 21E S		8. WELL NAME and NUMBER: NATURAL BUTTES UNIT 437-18E
PHONE NUMBER: (307) 276-3331		9. API NUMBER: 4304735499
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
STATE: UTAH		

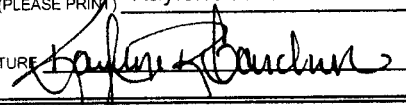
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input checked="" type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EOG Resources, Inc. requests authorization for disposal of produced water from the referenced well to any of the following locations.

1. Natural Buttes Unit 21-20B SWD.
2. Ace Disposal
3. EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit, Stagecoach Unit)
4. RN Industries.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Kaylene R. Gardner	TITLE Regulatory Assistant
SIGNATURE 	DATE 11/22/2004

(This space for State use only)

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NOV 24 2004

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

009

SUNDRY NOTICES AND REPORTS ON WELLS

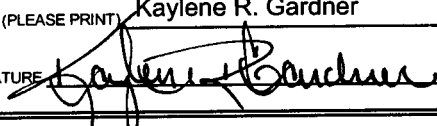
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U-02270-A
2. NAME OF OPERATOR: EOG RESOURCES, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O. BOX 250 CITY BIG PINEY STATE WY ZIP 83113		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT
PHONE NUMBER: (307) 276-3331		8. WELL NAME and NUMBER: NATURAL BUTTES UNIT 437-18E
4. LOCATION OF WELL FOOTAGES AT SURFACE: 322 FSL 748 FEL 39.941344 LAT 109.587239 LON		9. API NUMBER: 4304735499
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 18 10S 21E S		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: WEL SPUD
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EOG Resources, Inc. spud a 20" surface hole at the referenced location 11/17/2004 at 9:00 a.m. The contractor was Pete Martin's Bucket Rig. Dall Cook, representative for EOG, notified Ed Forsman of the Vernal BLM office and Carol Daniels of the Utah Division of Oil Gas and Mining of the spud 11/17/2004 @ 7:30 a.m.

NAME (PLEASE PRINT) Kaylene R. Gardner	TITLE Regulatory Assistant
SIGNATURE 	DATE 11/22/2004
(This space for State use only)	

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NOV 24 2004
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER _____

2. NAME OF OPERATOR:
EOG RESOURCES, INC.

3. ADDRESS OF OPERATOR:
P.O. BOX 250 CITY BIG PINEY STATE WY ZIP 83113

PHONE NUMBER:
(307) 276-3331

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 322 FSL 748 FEL 39.941344 LAT 109.587239 LON

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 18 10S 21E S

STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:
U-02270-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
NATURAL BUTTES UNIT

8. WELL NAME and NUMBER:
NATURAL BUTTES UNIT 437-18E

9. API NUMBER:
4304735499

10. FIELD AND POOL, OR WILDCAT:
NATURAL BUTTES

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: DRILLING
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	OPERATIONS

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see the attached well chronology report for drilling operations from 8/19/2004 - 12/08/2004.

NAME (PLEASE PRINT) Kaylene R. Gardner

TITLE Regulatory Assistant

SIGNATURE

DATE 12/9/2004

(This space for State use only)

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DEC 13 2004



WELL CHRONOLOGY REPORT

Report Generated On: 12-09-2004

Well Name	NBU 437-18E	Well Type	DEVG	Division	DENVER
Field	NATURAL BUTTES UNIT	API #	43-047-35499	Well Class	DRIL
County, State	UINTAH, UT	Spud Date	11-27-2004	Class Date	
Tax Credit	N	TVD / MD	6,150/ 6,150	Property #	053384
Water Depth	0	Last CSG	4.5	Shoe TVD / MD	6,163/ 6,163
KB / GL Elev	5,139/ 5,121				
Location	Section 18, T10S, R21E, SESE, 322 FSL & 748 FEL				

Event No	1.0	Description	DRILL & COMPLETE		
Operator	EOG RESOURCES, INC	WI %	100.0	NRI %	72.1967

AFE No	302489	AFE Total		DHC / CWC	
Rig Contr	KEY	Rig Name	KEY #942	Start Date	03-12-2004
				Release Date	12-01-2004
03-12-2004	Reported By				
Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$0	Completion	\$0	Well Total	\$0
MD	0	TVD	0	Progress	0
			Days	0	MW
				0.0	Visc
					0.0
Formation :	PBTB : 0.0			Perf :	PKR Depth : 0.0

Activity at Report Time: LOCATION DATA

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION DATA
			322' FSL & 748' FEL (SE/SE)
			SECTION 18, T10S, R21E
			UINTAH COUNTY, UTAH
			KEY RIG #942
			TD: 6150' BUCK CANYON
			NATURAL BUTTES PROSPECT
			DEV/GAS

LEASE: U-02270A
ELEVATION: 5122' NAT GL, 5121' PREP GL, 5139' KB (18')

EOG BPO WI 100%, NRI 72.196716%
APO WI 66.67%, NRI 48.228309%

11-24-2004	Reported By		ED TROTTER		
Daily Costs: Drilling		Completion		Daily Total	
Cum Costs: Drilling		Completion		Well Total	
MD	505	TVD	505	Progress	0
			Days	0	MW
				0.0	Visc
					0.0
Formation :	PBTB : 0.0			Perf :	PKR Depth : 0.0

RECEIVED

DEC 13 2004

DIV. OF OIL, GAS & MINING

Activity at Report Time: WORT**Start End Hrs Activity Description**

06:00 06:00 24.0 MIRU PETE MARTIN'S BUCKET RIG. SPUDDED 20" SURFACE HOLE AT 9:00 AM, 11/17/04.

DRILLED 20" SURFACE HOLE TO 45'. RUN 45 JTS OF 13 3/8", 54.0#/FT, H-40, ST&C CONDUCTOR & CEMENTED TO SURFACE.

RU BILL JR'S AIR RIG. DRILLED 12 1/4" HOLE TO 505'. RAN 12 JTS (496.00') OF 9 5/8", 36.0#/FT, J-55, ST&C CASING. LANDED AT 515.00' KB.

RU BIG 4 CEMENTING. PRESSURE TESTED LINES & CEMENT VALVE TO 1000 PSIG. MIXED & PUMPED 20 BBLS GELLED WATER & 10 BBLS WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 225 SX CLASS G CEMENT W/2% CACL-2 & 1/4#/SX CELLOFLAKES. MIXED CEMENT @ 15.8 PPG WITH YIELD OF 1.15 CF/SX (47.2 BBLS). DISPLACED CEMENT W/34 BBLS WATER & SHUT-IN CASING VALVE. HAD 8 BBLS CEMENT RETURNS TO SURFACE. RD BIG 4 CEMENTING. PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

NOTIFIED ED FORSMAN WITH BLM & CAROL DANIELS WITH UOGM OF SPUDDING WELL AT 10:00 AM, 11/16/04.

11-28-2004	Reported By	HUBERT HAYS									
DailyCosts: Drilling					Completion				Daily Total		
Cum Costs: Drilling					Completion				Well Total		
MD	1,355	TVD	1,355	Progress	840	Days	1	MW	8.4	Visc	28.0
Formation :		PBTD : 0.0		Perf :		PKR Depth : 0.0					

Activity at Report Time: DRILLING**Start End Hrs Activity Description**

06:00 08:00 2.0 NIPPLE UP BOPE.

08:00 11:30 3.5 TEST BOPS W/SINGLE JACK. TESTED PIPE & BLINDS CHOKE & KILL LINES, MANIFOLD, UPPER KELLY AND SAFETY VALVES TO 3000 PSI HIGH AND 250 PSI LOW, ALL OK. TEST ANNULAR TO 1500 HIGH AND 250 PSI LOW. TEST CASING TO 1500 FOR 30 MINUTES, ALL OK. FILLED LINES W/METHANOL.

11:30 15:00 3.5 STRAP BHA & P/U BHA. RIH & TAGGED CMT AT 453'.

15:00 16:00 1.0 DRILL CMT, FLOAT AND SHOE TO 515'.

16:00 20:00 4.0 DRILL 515' TO 718'.

20:00 20:30 0.5 SURVEY AT 621' @ .25 DEG.

20:30 04:30 8.0 DRILL 718' TO 1311'. WT 16K RPM 65/58 PSI 800/950 SPM 123 ROP 74'/HR.

04:30 05:00 0.5 SURVEY AT 1244' @ .75 DEGREE.

05:00 06:00 1.0 DRILL 1311' TO 1355'.

NOTIFY CLIFF JOHNSON VERNAL BLM PH #435 -828-4491 AT 1300 HOURS 11/26/04 OF BOP TEST.
LEFT MESSAGE ON CAROL DANIELS W/UOGM 801-538-5284 ABOUT TEST 1315 HOURS 11/26/04.

24.0 SPUD 7-7/8" HOLE AT 4:00 PM, 11/27/2004

11-29-2004	Reported By	HUBERT HAYS									
DailyCosts: Drilling					Completion				Daily Total		
Cum Costs: Drilling					Completion				Well Total		

MD 3,655 TVD 3,655 Progress 2,300 Days 2 MW 8.4 Visc 28.0
 Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	09:30	3.5	DRILL 1355' TO 1901'. WT 14K RPM 65/58 PSI 850/950 SPM 123 ROP 156'/HR.
09:30	10:00	0.5	SURVEY AT 1826' @.75 DEGREES.
10:00	15:00	5.0	DRILL 1901' TO 2519'. WT 16K RPM 65/58 PSI 900/1000 SPM 123 ROP 124'/HR.
15:00	15:30	0.5	SURVEY AT 2444' @ 1.75 DEGREES.
15:30	17:30	2.0	DRILL 2519' TO 2734'.
17:30	18:00	0.5	RIG SERVICE. PU WT 68K RT WT 65K SO WT 63K.
18:00	21:30	3.5	DRILL 2734' TO 3108'. WT 17K RPM 65/58 PSI 900/1000 SPM 123 ROP 107'/HR.
21:30	22:00	0.5	SURVEY AT 3043' @ 1 DEGREE.
22:00	04:30	6.5	DRILL 3108' TO 3607'. WT 20K RPM 65/58 PSI 950/1050 SPM 123 ROP 77'/HR.
04:30	05:00	0.5	SURVEY AT 3542' @ 2°.
05:00	06:00	1.0	DRILL 3607' TO 3655'. BOP DRILL 1 MIN 4 SEC.

FUEL USED 797 GALLONS

DSLTA 49

11-30-2004 Reported By HUBERT HAYS

Daily Costs: Drilling

Completion

Daily Total

Cum Costs: Drilling

Completion

Well Total

MD 5,455 TVD 5,455 Progress 1,800 Days 3 MW 8.6 Visc 28.0
 Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	10:00	4.0	DRILL 3655' TO 4073', WT 20K RPM, 65/59 PSI, 900/1200 SPM, 123 ROP, 102'/HR.
10:00	10:30	0.5	SURVEYED AT 3998', 1.5 DEGREES.
10:30	16:00	5.5	DRILL 4073' TO 4574', WT 20K RPM, 65/58 PSI, 950/1200 SPM, 123 ROP, 91'/HR.
16:00	16:30	0.5	SURVEYED AT 4504', 1.5 DEGREES.
16:30	17:30	1.0	DRILL 4574' TO 4698'. BOP DRILL 59 SEC.
17:30	18:00	0.5	RIG SERVICED. FUNCTION TESTED ANNULAR.
18:00	06:00	12.0	DRILL 4698' TO 5455', WT 22K RPM, 65/58 PSI, 1000/1300 SPM, 123 ROP, 63'/HR.

FUEL 783 GALLONS

DSLTA 50

BOILER 24 HOURS

12-01-2004 Reported By HUBERT HAYS

Daily Costs: Drilling

Completion

Daily Total

Cum Costs: Drilling

Completion

Well Total

MD 6,173 TVD 6,173 Progress 717 Days 4 MW 8.8 Visc 36.0
 Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: RUN CASING

Start	End	Hrs	Activity Description
-------	-----	-----	----------------------

06:00 16:00 10.0 DRILL 5455' TO 6173', WT 22K RPM, 65/58 PSI, 1400/1600 SPM, 123 ROP, 72'/HR.
 16:00 17:00 1.0 CIRC & COND HOLE FOR CSG, 4.5", 11.6#, N-80, LTC.
 17:00 20:00 3.0 WIPER TRIP TO 4200', NO TIGHT SPOTS OR BRIDGES ON TRIP IN.
 20:00 22:30 2.5 CIRC & COND HOLE & MUD. THAW ICE IN MOUSE HOLE TO INSERT FLAG FOR LAY DOWN MACHINE.
 22:30 05:00 6.5 LAY DOWN DP AND BHA. BLOW KELLY TO PREVENT FREEZING. PULLED WEAR BUSHING.
 05:00 06:00 1.0 RIG UP FRANKS WESTATES. RUNNING 4.5", 11.6#, N-80, LTC CSG.

FUEL 671 GALLONS

DSLTA 51

BOP DRILL 70 SEC DAYS, 62 SEC NIGHTS

12-02-2004 Reported By PAT CLARK

DailyCosts: Drilling

Completion

Daily Total

Cum Costs: Drilling

Completion

Well Total

MD 6,173 TVD 6,173 Progress 0 Days 5 MW 8.8 Visc 38.0

Formation :

PBTD : 0.0

Perf :

PKR Depth : 0.0

Activity at Report Time: WO COMPLETION

Start End Hrs Activity Description

06:00 11:00 5.0 FINISHED RUNNING 154 JTS 4 1/2", 11.6#, N-80, LTC CASING. LANDED @ 6163'. TEXAS PATTERN SHOE 6144', FC @ 6123', 68 JTS CASING, MARKER JT 3409', 86 JTS CASING. RD WESTATES.

11:00 12:00 1.0 CIRCULATED FOR CEMENT W/MANDREL 2' ABOVE BOWL. SET MANDREL IN BOWL, LOCKED DOWN PRIOR TO CEMENT.

12:00 13:30 1.5 SAFETY MEETING. RU SCHLUMBERGER. CEMENT WELL AS FOLLOWS: PUMPED 20 BBL MUD FLUSH, 20 BBL H2O SPACER. MIXED AND PUMPED 250 SX (174 BBL, 978 CU/FT) 11 PPG, 3.91 YLD, 25.357 GALS/SK H2O, TYPE G CEMENT +12% D-20+5% D-44 + 1% D-79+.2% D-46+.25% D-112+.25 LB/SK D-29+3 LB/SK D-24 LEAD CEMENT. TAIL CEMENT 450 SX (103 BBL, 581 CU/FT) 14.1 PPG, 1.29 YLD, 5.836 GAL/SK H2O, 50/50 POZ G CEMENT + 2% D-20+.1% D-46+.2% D-65+.2% D-167. DROPPED PLUG AND DISPLACED W/95.5 BBLS H2O. MAX PRESS 1360 PSI. FULL RETURNS THROUGHOUT. BUMPED PLUG TO 1700 PSI. FLOATS HELD. RD SCHLUMBERGER.

13:30 16:00 2.5 CLEANED MUD TANKS. ND BOPE.

16:00 8.0 RIG RELEASED AT 16:00 HRS, 12/01/04.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

011

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
U-02270A

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NATURAL BUTTES UN

2. Name of Operator
EOG RESOURCES, INC.

Contact: KAYLENE R GARDNER
E-Mail: KAYLENE_GARDNER@EOGRESOU

8. Lease Name and Well No.
NATURAL BUTTES UNIT 437-18E

3. Address P.O. BOX 250
BIG PINEY, WY 83113

3a. Phone No. (include area code)
Ph: 307-276-3331 Ext: 4842

9. API Well No.
43-047-35499

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface SESE 322FSL 748FEL 39.94134 N Lat, 109.58724 W Lon

At top prod interval reported below SESE 322FSL 748FEL 39.94134 N Lat, 109.58724 W Lon

At total depth SESE 322FSL 748FEL 39.94134 N Lat, 109.58724 W Lon

10. Field and Pool, or Exploratory
NATURAL BUTTES/WASATCH

11. Sec., T., R., M., or Block and Survey
or Area Sec 18 T10S R21E Mer SLB

12. County or Parish
UINTAH

13. State
UT

14. Date Spudded
11/17/2004

15. Date T.D. Reached
11/30/2004

16. Date Completed
☐ D & A ☒ Ready to Prod.
12/20/2004

17. Elevations (DF, KB, RT, GL)*
5139 KB

18. Total Depth: MD
TVD 6173

19. Plug Back T.D.: MD
TVD 6144

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
RST-GR/CCL, CBL-GR/CCL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	36.0	0	515		225			
7.875	4.500 N-80	11.6	0	6163		700			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8	6084							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	6066	4960	5874 TO 6066		2	SPF
B)			5655 TO 5723		3	SPF
C)			5518 TO 5574		2	SPF
D)			5299 TO 5422		3	SPF

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5874 TO 6066	339 BBLS GELLED WATER & 65,619 # 20/40 SAND
5655 TO 5723	376 BBLS GELLED WATER & 66,009 # 20/40 SAND
5518 TO 5574	523 BBLS GELLED WATER & 110,084 # 20/40 SAND
5299 TO 5422	422 BBLS GELLED WATER & 78,861 # 20/40 SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/20/2004	12/25/2004	24	→	6.0	733.0	120.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
12/64	SI	1950.0	→	6	733	120		PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #52659 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

RECEIVED
JAN 10 2005

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
CAPTURED

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
WASATCH	6066	4960		WASATCH CHAPITA WELLS BUCK CANYON	4403 5056 5773

32. Additional remarks (include plugging procedure):

TURNED TO SALES THROUGH KERR-MAGEE METER # 985121. One 300 bbl tank # 80524V is on location.
 Perforated the Bc, Bd & Bf from 5874-75', 5916-17', 5965-66', 6015-16', 6029-30', 6046-48' & 6065-66' w/2 SPF.
 Perforated the Ck & Cl from 5655-57', 5670-74' & 5721-23' w/3 SPF.
 Perforated the Ci & Cj from 5518-22', 5532-36', 5560-61', 5566-67' & 5572-74' w/2 SPF.
 Perforated the Cc & Cf from 5299-5302', 5311-13' & 5420-22' w/3 SPF.
 Perforated the Ca from 5098-5101' & 5105-08' w/3 SPF. Fracture stimulated with 370

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #52659 Verified by the BLM Well Information System.
 For EOG RESOURCES, INC., sent to the Vernal

Name (please print) KAYLENE R GARDNERTitle REGULATORY ASSISTANTSignature (Electronic Submission)Date 01/05/2005

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Additional data for transaction #52659 that would not fit on the form

32. Additional remarks, continued

bbls gelled water & 65,275 # 20/40 sand.

Perforated the Pg & Ph from 4960-62', 4986'-90' & 5007-09' w/3 SPF. Fracture stimulated with 667 bbls gelled water & 156,491 # 20/40 sand.

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

12/20/2004

FROM: (Old Operator):

N9550-EOG Resources

PO Box 250

Big Piney, WY 83113

Phone: 1-(307) 276-3331

TO: (New Operator):

N2115-Westport Oil & Gas Co., LP

PO Box 1148

Vernal, UT 84078

Phone: 1-(435) 781-7044

CA No.

Unit:

NATURAL BUTTES

WELL(S)

[illegible]

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: Completion of well
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: Completion of well
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on:
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted on:

- | | | |
|--|------------------|----------|
| 6a. (R649-9-2)Waste Management Plan has been received on: | <u>requested</u> | 2/9/2005 |
| 6b. Inspections of LA PA state/fee well sites complete on: | n/a | |

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/9/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/9/2005
3. Bond information entered in RBDMS on: n/a
4. Fee/State wells attached to bond in RBDMS on: n/a
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 158626364

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
2. The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

Well to transfer upon completion to Unit Operator (See 9/23/2003 letter from EOG & agreement from Westport of 9/17/03)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/6/2006

FROM: (Old Operator):

N2115-Westport Oil & Gas Co., LP
 1368 South 1200 East
 Vernal, UT 84078
 Phone: 1-(435) 781-7024

TO: (New Operator):

N2995-Kerr-McGee Oil & Gas Onshore, LP
 1368 South 1200 East
 Vernal, UT 84078
 Phone: 1-(435) 781-7024

CA No.		Unit:		NATURAL BUTTES UNIT				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on: _____
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 6. Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- 7. Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- 8. Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 9. Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: _____
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other **CHANGE OF OPERATOR**

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005237

APPROVED 5/16/06

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Title

DRILLING MANAGER

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other CHANGE OF OPERATOR |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED

MAY 10 2006

DIV OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Office

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Colorado State Office
2850 Youngfield Street
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)
3106
COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :
1999 Broadway, Suite 3700 : Oil & Gas
Denver, CO 80202 :

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell
Martha L. Maxwell
Land Law Examiner
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-922)

March 27, 2006

Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of
Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare
Dave Mascarenas
Susan Bauman

RECEIVED

MAR 28 2006

DIV. OF OIL, GAS & MINERALS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No.
UTU02270A

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.7. If Unit or CA/Agreement, Name and/or No.
NATURAL BUTTES UN

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.

NATURAL BUTTES UNIT 437-18E

2. Name of Operator
EOG RESOURCES INCContact: MARY A. MAESTAS
E-Mail: mary_maestas@eogresources.com9. API Well No.
43-047-354993a. Address
600 17TH STREET SUITE 1000N
DENVER, CO 802023b. Phone No. (include area code)
Ph: 303-824-552610. Field and Pool, or Exploratory
NATURAL BUTTES/WASATCH

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 18 T10S R21E SESE 322FSL 748FEL
39.94134 N Lat, 109.58724 W Lon

11. County or Parish, and State

UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input checked="" type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

All material, debris, trash, and junk was removed from the location. The reserve pit was reclaimed. Stockpiled topsoil was spread over the pit area and broadcast seeded with the prescribed seed mixture. The seeded area was then walked down with a cat.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #58156 verified by the BLM Well Information System
For EOG RESOURCES INC, sent to the Vernal**

Name (Printed/Typed) MARY A. MAESTAS

Title REGULATORY ASSISTANT

Signature

(Electronic Submission)

Date 01/21/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ******RECEIVED****JAN 22 2008**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
Multiple Leases

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
EOG Resources, Inc

3a. Address
1060 EAST HIGHWAY 40, VERNAL, UT 84078

3b. Phone No. (include area code)
435-781-9145

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
See Attached

7. If Unit of CA/Agreement, Name and/or No.
Natural Buttes

8. Well Name and No.
Multiple Wells

9. API Well No.
See Attached

10. Field and Pool or Exploratory Area
Natural Buttes

11. Country or Parish, State
Utah, Utah

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. has assigned all of its right, title and interest in the wells described in the attached list ("the Subject Wells") to Kerr-McGee Oil & Gas Onshore LP and will relinquish and transfer operatorship of all of the Subject Wells to Kerr-McGee Oil & Gas Onshore LP on January 1, 2010.

As of January 1, 2010, Kerr-McGee Oil & Gas Onshore LP will be considered to be the operator of each of the Subject Wells and will be responsible under the terms and conditions of the applicable lease for the operations conducted upon the leased lands. Bond coverage is provided under Kerr-McGee Oil & Gas Onshore LP's Nationwide BLM Bond No. WYB-000291.

Kerr-McGee Oil & Gas Onshore LP
1099 18th Street, Suite 1800
Denver, CO 80202-1918

By: Michael A. Nixon Date: 12/17/2009

Michael A. Nixon
Agent and Attorney-in-Fact

Accepted by the
Utah Division of
Oil, Gas and Mining
For Record Only EP
1/31/2010

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)
J. Michael Schween

Title Agent and Attorney-in-Fact

Signature

Date 12/17/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

RECEIVED

Approved by

Title

Date

DEC 24 2009

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

DIV. OF OIL, GAS & MINING

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Lease #	API #	Well Name	Footages	Legal Description
UTUO2270A	4304730261	NBU 1-07B	1975' FNL 1850' FWL	T10S-R21E-07-SESW
UTUO144868	4304730262	NBU 2-15B	1630' FSL 2125' FEL	T09S-R20E-15-NWSE
ML22651	4304730267	NBU 3-02B	1819' FNL 716' FWL	T10S-R22E-02-SWNW
UTUO10954A	4304730273	NBU 4-35B	2037' FNL 2539' FWL	T09S-R22E-35-SESW
ML22650	4304730272	NBU 5-36B	1023' FNL 958' FWL	T09S-R22E-36-NWNW
UTUO1791	4304730278	NBU 7-09B	330' FSL 1600' FWL	T10S-R21E-09-SESW
UTUO1207 ST	4304730274	NBU 10-29B	1100' FSL 1540' FEL	T09S-R22E-29-SWSE
UTUO1791	4304730294	NBU 13-08B	1600' FSL 1300' FEL	T10S-R21E-08-NESE
UTUO581	4304730296	NBU 15-29B	821' FNL 687' FWL	T09S-R21E-29-NWNW
UTUO1791	4304730316	NBU 16-06B	330' FSL 900' FEL	T10S-R21E-06-SESE
UTUO2270A	4304730317	NBU 17-18B	1014' FSL 2067' FEL	T10S-R21E-18-SWSE
UTUO144869	4304730328	NBU 19-21B	2015' FNL 646' FEL	T09S-R20E-21-SENE
UTUO575	4304730363	NBU 25-20B	1905' FNL 627' FWL	T09S-R21E-20-SWNW
UTU4485	4304730364	NBU 26-13B	600' FSL 661' FEL	T10S-R20E-13-SESE
UTUO1393B	4304730367	NBU 28-04B	529' FNL 2145' FWL	T10S-R21E-04-NENW
UTUO1393B	4304730368	NBU 29-05B	398' FSL 888' FWL	T10S-R21E-05-SESE
UTUO575	4304730380	NBU 30-18B	1895' FSL 685' FEL	T09S-R21E-18-NESE
ML01197A	4304730385	NBU 31-12B	565' FNL 756' FWL	T10S-R22E-12-NWNW
UTU461	4304730396	NBU 33-17B	683' FSL 739' FWL	T09S-R22E-17-SWSW
UTUO575	4304730404	NBU 34-17B	210' FNL 710' FEL	T09S-R21E-17-NENE
UTUO149767	4304730397	NBU 35-08B	1830' FNL 660' FWL	T09S-R21E-8-SWNW
UTUO144878B	4304730470	NBU 49-12B	551' FSL 1901' FEL	T09S-R20E-12-SWSE
UTUO140225	4304730473	NBU 52-01B	659' FSL 658' FEL	T09S-R21E-01-SESE
UTUO141315	4304730474	NBU 53-03B	495' FSL 601' FWL	T09S-R21E-03-SWSW
ML21510	4304730475	NBU 54-02B	660' FSL 660' FWL	T09S-R21E-02-SWSW
UTUO1193	4304730464	NBU 57-12B	676' FSL 1976' FEL	T09S-R21E-12-SWSE
UTUO1198B	4304730463	NBU 58-23B	1634' FNL 2366' FEL	T10S-R22E-23-SWNE
UTUO37167	4304730477	NBU 62-35B	760' FNL 2252' FEL	T10S-R22E-35-NWNE
UTU10186	4304730466	NBU 63-12B	1364' FNL 1358' FEL	T10S-R20E-12-SWNE
UTUO37167	4304730577	NBU 70-34B	1859' FSL 2249' FWL	T10S-R22E-34-NESW
UTU4476	4304730578	NBU 71-26B	1877' FNL 528' FEL	T10S-R20E-26-SENE
UTUO141315	4304731150	NBU 202-03	898' FSL 1580' FEL	T09S-R21E-03-SWSE
UTUO1791	4304731238	NBU 205-08	1432' FSL 1267' FWL	T10S-R21E-08-NWSW
UTUO1791	4304731165	NBU 206-09	1789' FNL 1546' FWL	T10S-R21E-09-SESW
UTUO1393B	4304731177	NBU 207-04	1366' FSL 1445' FWL	T10S-R21E-04-NESW
UTUO149076	4304731153	NBU 210-24	1000' FSL 1000' FWL	T09S-R21E-24-SWSW
UTUO284	4304731156	NBU 211-20	916' FSL 822' FEL	T09S-R22E-20-SESE
UTUO284	4304731267	NBU 212-19	289' FSL 798' FWL	T09S-R22E-19-SWSW
UTU22650	4304731268	NBU 213-36J	597' FNL 659' FEL	T09S-R22E-36-NENE
ML22651	4304731282	NBU 217-02	2045' FSL 766' FWL	T10S-R22E-02-NWSW
UTUO2270A	4304731310	NBU 218-17	2600' FNL 1500' FWL	T10S-R21E-17-SESW
UTUO149076	4304731308	NBU 219-24	1300' FNL 500' FWL	T09S-R21E-24-NWNW
UTUO149076	4304732131	NBU 301-24E	700' FSL 2450' FEL	T09S-R21E-24-SWSE
UTUO1791	4304732010	NBU 302-09E	1899' FSL 912' FWL	T10S-R21E-09-NWSW
UTUO575	4304732130	NBU 304-18E	782' FSL 1783' FEL	T09S-R21E-18-SWSE
UTUO149767	4304732135	NBU 305-07E	670' FNL 1950' FWL	T09S-R21E-07-NENW
UTUO581	4304732282	NBU 306-18E	1604' FSL 2797' FWL	T09S-R21E-18-NESW
UTUO1791	4304732014	NBU 307-06E	1979' FSL 2000' FEL	T10S-R21E-06-NWSE
UTUO284	4304732202	NBU 308-20E	1503' FSL 954' FWL	T09S-R22E-20-NWSW
UTUO575	4304732283	NBU 309-20E	930' FNL 667' FEL	T09S-R21E-20-NENE
UTUO149075	4304732203	NBU 311-23E	1101' FSL 1978' FEL	T09S-R21E-23-SWSE
UTUO581	4304732378	NBU 313-29E	1000' FNL 660' FEL	T09S-R21E-29-NENE
UTUO141315	4304732271	NBU 314-03E	1045' FSL 2584' FWL	T09S-R21E-03-SESW
UTUO575	4304732381	NBU 316-17E	1935' FNL 1067' FWL	T09S-R21E-17-SWNW
UTUO144868B	4304732362	NBU 317-12E	867' FNL 701' FEL	T09S-R20E-12-NENE
UTUO2270A	4304737511	NBU 319-17E	807' FNL 990' FWL	T10S-R21E-17-NWNW
UTUO1188	4304732379	NBU 321-10E	940' FSL 2508' FWL	T09S-R21E-10-SESW
UTUO575B	4304732376	NBU 325-08E	832' FSL 669' FWL	T09S-R21E-08-SWSW
UTUO1393B	4304733697	NBU 326-04E	1906' FNL 695' FWL	T10S-R21E-04-SWNW
UTUO1393B	4304739303	NBU 327-05E	1117' FNL 942' FEL	T10S-R21E-05-NENE (LOT 1)
UTU4485	4304732386	NBU 328-13E	1766' FSL 1944' FWL	T10S-R20E-13-NESW
UTUO1207 ST	4304732229	NBU 329-29E	2490' FNL 949' FEL	T09S-R22E-29-SENE

RECEIVED

DEC 24 2009

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Lease #	API #	Well Name	Footages	Legal Description
UTUO10954A	4304732147	NBU 331-35E	1531' FNL 1153' FEL	T09S-R22E-35-SENE
UTUO1791	4304732148	NBU 332-08E	955' FSL 2508' FEL	T10S-R21E-08-SWSE
ML21510	4304732518	NBU 333-02E	1951' FSL 2245' FWL	T09S-R21E-02-NESW
UTUO149075	4304732265	NBU 335-23E	1419' FNL 828' FEL	T09S-R21E-23-SENE
UTUO149076	4304732264	NBU 336-24E	2024' FNL 1958' FWL	T09S-R21E-24-SENE
UTUO284	4304732281	NBU 339-19E	1890' FSL 674' FWL	T09S-R22E-19-NWSW
UTUO284B	4304732327	NBU 340-20E	1326' FSL 2569' FEL	T09S-R22E-20-NWSE
UTUO1207 ST	4304733055	NBU 341-29E	307' FSL 898' FEL	T09S-R22E-29-SESE
UTUO10954A	4304732212	NBU 342-35E	918' FNL 2563' FEL	T09S-R22E-35-NWNE
UTUO1393B	4304739338	NBU 346-05E	2233' FSL 676' FEL	T10S-R21E-05-NESE
UTUO575B	4304732326	NBU 349-07E	1641' FNL 1036' FWL	T09S-R21E-07-SWNW
UTUO1188	4304732519	NBU 352-10E	1806' FSL 842' FWL	T09S-R21E-10-NWSW
UTUO581	4304732383	NBU 356-29E	1600' FNL 1980' FEL	T09S-R21E-29-SWNE
UTUO2270A	4304732388	NBU 358-01E	736' FSL 1941' FEL	T10S-R20E-01-SWSE
UTU4485	4304750032	NBU 359-13E	661' FSL 2149' FEL	T10S-R20E-13-SWSE
UTU4485	4304732387	NBU 360-13E	1998' FSL 775' FWL	T10S-R20E-13-NWSW
ML21510	4304733782	NBU 379-02E	1967' FSL 898' FWL	T09S-R21E-02-NWSW
UTUO575	4304733064	NBU 382-18E	2030' FSL 2172' FEL	T09S-R21E-18-NWSE
UTUO149075	4304735889	NBU 384-23E	491' FSL 929' FEL	T09S-R21E-23-SESE
UTUO149076	4304733056	NBU 386-24E	450' FSL 1850' FWL	T09S-R21E-24-SESW
UTUO284	4304733057	NBU 388-19E	382' FSL 1847' FWL	T09S-R22E-19-SESW
UTUO1207 ST	4304733049	NBU 389-29E	2226' FSL 2166' FEL	T09S-R22E-29-NWSE
UTUO1393B	4304732835	NBU 390-04E	2577' FSL 1951' FWL	T10S-R21E-04-NESW
UTUO1393B	4304732988	NBU 391-05E	1215' FSL 2090' FEL	T10S-R21E-05-SWSE
UTUO1791	4304733783	NBU 392-06E	1926' FSL 611' FEL	T10S-R21E-06-NESE
UTU4485	4304733071	NBU 393-13E	1850' FSL 2141' FEL	T10S-R20E-13-NWSE
UTU4485	4304733072	NBU 394-13E	725' FSL 2027' FWL	T10S-R20E-13-SESW
UTUO1188	4304732544	NBU 400-11E	1983' FSL 1321' FWL	T09S-R21E-11-NESW
UTUO581	4304734216	NBU 421-29E	1985' FNL 972' FEL	T09S-R21E-29-SENE
UTUO581	4304733698	NBU 422-29E	1980' FNL 785' FWL	T09S-R21E-29-SWNW
UTUO581	4304734206	NBU 423-30E	1980' FSL 660' FEL	T09S-R21E-30-NESE
ML3142	4304733699	NBU 424-32E	744' FNL 773' FEL	T09S-R21E-32-NENE
UTUO2270A	4304740049	NBU 428-07E	660' FSL 855' FWL	T10S-R21E-07-SWSW (Lot 4)
UTUO1791	4304733069	NBU 431-09E	2599' FNL 662' FWL	T10S-R21E-09-SWNW
UTUO2270A	4304738536	NBU 434-17E	1799' FNL 2176' FWL	T10S-R21E-17-SENE
UTUO2270A	4304738376	NBU 435-17E	1837' FNL 571' FWL	T10S-R21E-17-SWNW
UTUO2270A	4304734195	NBU 436-18E	1644' FSL 748' FEL	T10S-R21E-18-NESE
UTUO2270A	4304735499	NBU 437-18E	322' FSL 748' FEL	T10S-R21E-18-SESE
ML22792	4304737534	NBU 438-19E	661' FNL 1941' FEL	T10S-R21E-19-NWNE
ML22792	4304737535	NBU 439-19E	2111' FNL 1980' FWL	T10S-R21E-19-SWNE
UTUO10953	4304736279	NBU 451-01E	1965' FSL 2132' FWL	T10S-R22E-01-NESW
ML22651	4304736053	NBU 456-02E	493' FNL 1080' FWL	T10S-R22E-02-NWNW (Lot 4)
UTUO141315	4304733063	NBU 481-03E	1490' FSL 556' FEL	T09S-R21E-03-NESE
UTUO581	4304733065	NBU 483-19E	1850' FSL 1980' FWL	T09S-R21E-19-NESW
UTUO575	4304733784	NBU 484-20E	350' FNL 823' FWL	T09S-R21E-20-NWNW
UTUO2270A	4304739897	NBU 486-07E	1895' FSL 1834' FWL	T10S-R21E-07-NESW
UTUO575B	4304733121	NBU 489-07E	763' FSL 733' FWL	T09S-R21E-07-SWSW (Lot 4)
UTUO2270A	4304733123	NBU 497-01E	2091' FSL 894' FEL	T10S-R20E-01-NESE
UTUO577A	4304733140	NBU 506-23E	720' FNL 1818' FWL	T09S-R20E-23-NENW
UTUO1791	4304733124	NBU 508-08E	915' FSL 355' FEL	T10S-R21E-08-SESE
UTUO1197A ST	4304739283	NBU 513-12EX	1850' FNL 2133' FWL	T10S-R22E-12-SENE
UTUO2270A	4304733696	NBU 516-12E	1950' FSL 1786' FEL	T10S-R20E-12-NWSE
UTUO141315	4304733779	NBU 519-03E	1749' FSL 798' FWL	T09S-R21E-03-NWSW
UTUO575B	4304733780	NBU 521-08E	2250' FSL 900' FWL	T09S-R21E-08-NWSW
UTUO1188	4304733781	NBU 522-10E	732' FSL 841' FEL	T09S-R21E-10-SESE
UTUO2270A	4304733685	NBU 523-12E	660' FSL 660' FEL	T10S-R20E-12-SESE
UTUO2270A	4304733701	NBU 524-12E	841' FSL 1795' FEL	T10S-R20E-12-SWSE
UTUO2270A	4304739722	NBU 529-07E	704' FNL 762' FWL	T10S-R21E-07-NWNW
UTUO581	4304734639	NBU 534-18E	1885' FSL 115' FWL	T09S-R21E-18-NWSW
UTUO2270A	4304735200	NBU 535-17E	1893' FSL 580' FWL	T10S-R21E-17-NWSW
ML22791	4304735252	NBU 536-18E	734' FSL 2293' FWL	T10S-R21E-18-SESW
UTUO2270A	4304735253	NBU 537-18E	1880' FSL 1830' FEL	T10S-R21E-18-NWSE

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Lease #	API #	Well Name	Footages	Legal Description
UTUO284	4304735886	NBU 538-19E	1937' FSL 1833' FWL	T09S-R22E-19-NESW
UTUO149076	4304735887	NBU 539-24E	1870' FSL 477' FEL	T09S-R21E-24-NESE
UTUO10953	4304736280	NBU 546-01E	2036' FSL 699' FWL	T10S-R22E-01-NWSW
UTUO10953	4304736278	NBU 547-01E	749' FSL 598' FWL	T10S-R22E-01-SWSW
UTU474	4304737687	NBU 553-28E	767' FNL 753' FWL	T10S-R22E-28-NWNW
UTU474	4304737686	NBU 554-28E	2023' FNL 465' FWL	T10S-R22E-28-SWNW
ML22791	4304737685	NBU 555-18E	1984' FSL 1790' FWL	T10S-R21E-18-NESW
ML22791	4304737514	NBU 556-18E	1800' FSL 870' FWL	T10S-R21E-18-NWSW
ML22791	4304737513	NBU 557-18E	852' FSL 661' FWL	T10S-R21E-18-SWSW
UTUO2270A	4304737510	NBU 558-17E	748' FSL 611' FWL	T10S-R21E-17-SWSW
UTUO2278C	4304737509	NBU 559-17E	467' FSL 2065' FWL	T10S-R21E-17-SESW
UTUO2278	4304737508	NBU 560-17E	1946' FSL 1896' FWL	T10S-R21E-17-NESW
UTUO2278	4304737512	NBU 561-17E	857' FSL 1988' FEL	T10S-R21E-17-SWSE
ML22792	4304737536	NBU 562-19E	859' FNL 859' FEL	T10S-R21E-19-NENE
ML22792	4304737537	NBU 563-19E	1982' FSL 1878' FEL	T10S-R21E-19-NWSE
UTU4476	4304738962	NBU 564-26E	665' FNL 1945' FWL	T10S-R20E-26-NENW
ML22793	4304737533	NBU 565-30E	1865' FNL 1786' FEL	T10S-R21E-30-SWNE
UTUO2270A	4304738375	NBU 566-17E	538' FNL 1806' FWL	T10S-R21E-17-NENW
UTUO1791	4304738535	NBU 567-17E	690' FNL 1988' FEL	T10S-R21E-17-NWNE
UTUO1791	4304738537	NBU 568-17E	850' FNL 807' FEL	T10S-R21E-17-NENE
UTUO1791	4304738534	NBU 569-17E	2009' FNL 1809' FEL	T10S-R21E-17-SWNE
UTUO1791	4304738529	NBU 570-17E	2031' FNL 672' FEL	T10S-R21E-17-SENE
UTUO2278	4304738377	NBU 571-17E	1964' FSL 1831' FEL	T10S-R21E-17-NWSE
UTUO2278	4304738374	NBU 572-17E	1810' FSL 739' FEL	T10S-R21E-17-NESE
UTUO2278	4304738510	NBU 573-17E	813' FSL 481' FEL	T10S-R21E-17-SESE
ML22650	4304739308	NBU 602-36E	1723' FNL 719' FWL	T09S-R22E-36-SWNW
UTUO1393B	4304739305	NBU 614-05E	716' FNL 1967' FEL	T10S-R21E-05-NWNE
UTUO1393B	4304739655	NBU 615-05E	2384' FNL 1015' FEL	T10S-R21E-05-SENE
UTUO1393B	4304739337	NBU 617-04E	933' FNL 745' FWL	T10S-R21E-04-NWNW
UTUO1393B	4304739336	NBU 618-04E	998' FSL 661' FWL	T10S-R21E-04-SWSW
UTUO1393B	4304739414	NBU 625-04E	1937' FNL 1722' FWL	T10S-R21E-04-SENW
UO01197A ST	4304739192	NBU 632-12E	860' FNL 2032' FWL	T10S-R22E-12-NENW
UO01197A ST	4304739193	NBU 633-12E	789' FNL 2179' FEL	T10S-R22E-12-NWNE
UO01197A ST	4304739190	NBU 635-12E	1808' FNL 1754' FEL	T10S-R22E-12-SWNE
UTUO1197A ST	4304739191	NBU 636-12E	1824' FNL 461' FEL	T10S-R22E-12-SENE
UTUO8512 ST	4304750016	NBU 638-13E	1926' FNL 2504' FWL	T10S-R22E-13-SENW
UTUO8512 ST	4304750019	NBU 639-13E	859' FNL 1902' FEL	T10S-R22E-13-NWNE
UTUO8512 ST	4304750014	NBU 640-13E	1619' FNL 1639' FEL	T10S-R22E-13-SWNE
UTUO8512A ST	4304750058	NBU 641-13E	990' FNL 1184' FEL	T10S-R22E-13-NENE
UTUO8512 ST	4304750013	NBU 642-13E	1949' FNL 858' FEL	T10S-R22E-13-SENE
UTUO2270A	4304739957	NBU 653-07E	660' FNL 1980' FWL	T10S-R21E-07-NENW
UTUO2270A	4304739956	NBU 654-07E	1913' FNL 522' FWL	T10S-R21E-07-SWNW
UTUO2270A	4304739860	NBU 655-07E	1926' FSL 750' FWL	T10S-R21E-07-NWSW
UTUO1791	4304739856	NBU 658-01E	2177' FNL 1784' FEL	T10S-R20E-01-SWNE
UTUO2270A	4304739858	NBU 660-12E	661' FNL 691' FEL	T10S-R20E-12-NENE
ML22790	4304750011	NBU 661-24E	1734' FSL 661' FWL	T10S-R20E-24-NWSW
ML22790	4304750017	NBU 662-24E	809' FSL 807' FWL	T10S-R20E-24-SWSW
ML22790	4304750010	NBU 663-24E	810' FSL 1979' FWL	T10S-R20E-24-SESW
ML22790	4304739867	NBU 664-24E	1810' FNL 1781' FEL	T10S-R20E-24-NWSE
ML22790	4304750018	NBU 665-24E	1950' FSL 660' FEL	T10S-R20E-24-NESE
ML22790	4304750057	NBU 666-24E	1043' FSL 1722' FEL	T10S-R20E-24-SWSE
ML22790	4304750012	NBU 667-24E	660' FSL 660' FEL	T10S-R20E-24-SESE
UTUO2270A	4304739901	NBU 668-12E	859' FNL 1915' FEL	T10S-R20E-12-NWNE
UO1207 ST	4304740084	NBU 670-29E	2018' FSL 859' FEL	T09S-R22E-29-NESE
UO1207 ST	4304750027	NBU 691-29E	680' FNL 797' FEL	T09S-R22E-29-NENE
ML3140.5	4304738330	NBU 760-36E	1320' FNL 1320' FEL	T09S-R20E-36-NENE
UTU4476	4304738632	NBU 762-26E	1506' FNL 1449' FEL	T10S-R20E-26-SWNE
ML22792	4304738332	NBU 763-19E	1258' FSL 1388' FEL	T10S-R21E-19-SWSE
ML3142	4304738331	NBU 764-32E	875' FNL 667' FWL	T09S-R21E-32-NWNW
UTUO1791	4304738633	NBU 765-09E	1000' FSL 1640' FWL	T10S-R21E-09-SESW

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DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-02270-A			
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES			
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		8. WELL NAME and NUMBER: NBU 437-18E			
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		9. API NUMBER: 43047354990000			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0322 FSL 0748 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 18 Township: 10.0S Range: 21.0E Meridian: S		9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/20/2015 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>Kerr-McGee Oil & Gas Onshore, LP respectfully requests to plug and abandon the NBU 437-18E well. Please see the attached procedure for details. Thank you.</p> </div> <div style="width: 35%; text-align: right;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>Date: May 28, 2015</p> <p>By: </p> </div> </div>					
NAME (PLEASE PRINT) Kristina Geno		PHONE NUMBER 720 929-6824			
SIGNATURE N/A		TITLE Regulatory Analyst			
DATE 5/19/2015					

NBU 437-18E**322' FSL & 748' FEL****SESE - Sec. 18 – T10S - R21E****Uintah County, UT**

KBE:	5139'	API NUMBER:	43-047-35499
GLE:	5122'	LEASE NUMBER:	U-02270A
TD:	6173'	WI:	100.000000%
PBTD:	6144'	NRI:	81.740537%

CASING:

12 1/4" hole

9.625" 36# J-55 ST&C @ 515'

Cemented with 225 sxs Class G with 2% (15.8 ppg/1.15 yield). Circulated 8 bbls to surface.

7.875" hole

4.5" 11.6# N-80 LT&C @ 6163'. Cemented with 250 sxs "G" lead (11 ppg/3.91 yield) and 450 sxs 50-50 Pozmix tail (14.1 ppg/1.29 yield). Full return throughout. TOC @ ±660' per CBL

TUBING:

2.375" 4.7# J-55 tubing @ 6084'.

Tubular/Borehole	Drift inches	Collapse Psi	Burst Psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.02171	0.00387
4.5" 11.6# N-80 csg	3.875	6350	7780	0.6528	0.0872	0.01554
Annular Capacities						
2.375" tbg. X 4.5" 11.6# csg.				0.4227	0.0565	0.0101
4.5" csg. X 9.625" 36# csg.				2.4192	0.3234	0.0576
4.5" csg. X 7.875" hole				1.7052	0.2276	0.0406
8.625" csg. X 11" hole				1.9017	0.2542	0.0453

PERFORATION DETAIL:

Formation	Date	Top	Bottom	SPF	STATUS
Wasatch	11/24/2004	4960	4962	3	Open
Wasatch	11/24/2004	4986	4990	3	Open
Wasatch	11/24/2004	5007	5009	3	Open
Wasatch	11/24/2004	5098	5101	3	Open
Wasatch	11/24/2004	5105	5108	3	Open
Wasatch	11/24/2004	5299	5302	3	Open
Wasatch	11/24/2004	5311	5313	3	Open
Wasatch	11/24/2004	5420	5422	3	Open
Wasatch	11/24/2004	5518	5522	2	Open
Wasatch	11/24/2004	5532	5536	2	Open
Wasatch	11/24/2004	5560	5561	2	Open
Wasatch	11/24/2004	5566	5567	2	Open
Wasatch	11/24/2004	5572	5574	2	Open
Wasatch	11/24/2004	5655	5657	3	Open
Wasatch	11/24/2004	5670	5674	3	Open
Wasatch	11/24/2004	5721	5723	3	Open
Wasatch	11/24/2004	5874	5875	2	Open
Wasatch	11/24/2004	5916	5917	2	Open
Wasatch	11/24/2004	5965	5966	2	Open
Wasatch	11/24/2004	6015	6016	2	Open
Wasatch	11/24/2004	6029	6030	2	Open
Wasatch	11/24/2004	6046	6048	2	Open
Wasatch	11/24/2004	6065	6066	2	Open

GEOLOGIC INFORMATION:

Formation	Depth to top, ft.
Uinta	Surface
Green River	1162'
Bird's Nest	1395'
Mahogany	1753'
Base of Parachute	'
Wasatch	4404'
Mesaverde	7391'

SS- 144 Base of BMSW
BMSW Depth **~4000' KBE**

WELL HISTORY

Completion – Dec 2004

- Frac'd Wasatch. C/O to 8393'. PU 2.375" J-55 tubing and land at 6084'.

Acid – 6/27/13; Pumped 60 bbls KCL with 1 tote of acid to break a backside bridge.

Slickline 7/30/13

Ran a scratcher and bailer to 4833' (Heavy scale)

PLUG & ABANDONMENT PROCEDURE

GENERAL

- H₂S MAY BE PRESENT. CHECK FOR H₂S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCID. PREMIX 5 GALLONS PER 100 BBLs FLUID.
- NOTIFY APPROPRIATE AGENCY 24 HOURS BEFORE MOVING ON LOCATION.

PROCEDURE

Note: Approx. **133 sxs** Class "G" cement.

GYRO IS NEEDED.

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE. RUN GYRO.
1. POOH W/ TBG & LAY DOWN. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL.
2. **PLUG #1, ISOLATE PERFORATIONS (4960')**: TIH AND SET A CIBP @ 4910'. PUH 10'. CIRCULATE ENTIRE HOLE W/ TREATED FRESH WATER. PRESSURE TEST CASING. SET A ±105' CEMENT BALANCED PLUG (**8 SXS, 9.2 CUFT, 1.6 BBLs**) ON TOP OF CIBP. **TOC @ ±4805'**.
3. **PLUG #2, PROTECT WASATCH TOP (4404') & PROTECT BMSW (~4000)**: TOOH TO 4404'. SET A CEMENT BALANCED PLUG FROM **4404' - 3892'** (512' COVERAGE) WITH (**39 SXS / 44.7 CUFT / 8 BBL**).
4. **PLUG #3, PROTECT BASE OF PARACHUTE (~2701')**: SET A BALANCED CEMENT PLUG FROM **2701' - 2596'** (105' COVERAGE) WITH (**8 SXS / 9.2 CUFT / 1.6 BBL**).
5. **PLUG #4, PROTECT MAHOGANY (~1753')**: SET A BALANCED CEMENT PLUG FROM **1753' - 1648'** (105' COVERAGE) WITH (**8 SXS / 9.2 CUFT / 1.6 BBL**).
6. **PLUG #5, PROTECT TOP OF BIRD'S NEST (~1395')**: SET A BALANCED CEMENT PLUG FROM **1395' - 1290'** (105' COVERAGE) WITH (**8 SXS / 9.2 CUFT / 1.6 BBL**).
7. **PLUG #6 TOP OF GREEN RIVER (1162')**: SET A BALANCED CEMENT PLUG FROM **1162' - 1,057'** (105' COVERAGE) WITH (**8 SXS / 9.2 CUFT / 1.6 BBL**).
8. **PLUG #7, SURFACE CASING PLUG (515')**: POOH. PERF CASING @ 515' AND PUMP **18 SXS / 20.6 CUFT / 3.7 BBLs** / ±50' OF COVERAGE IN 4 ½" X 9 5/8" ANNULUS & INSIDE CASING
9. **PLUG #8, FILL SURFACE HOLE & ANNULUS**: POOH. PERF CASING @ 100' AND PUMP **36 SXS / 41.2 CUFT / 7.3 BBLs** / OR SUFFICIENT VOLUME TO FILL 4 ½" CASING AND 4.5" X 9.625" ANNULUS F/ 100' TO SURFACE.
10. CUT OFF WELLHEAD AND INSTALL MARKER PER REGULATIONS.
11. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.

RBM 5/18/15

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-02270-A
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 437-18E
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0322 FSL 0748 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 18 Township: 10.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047354990000
10. FIELD and POOL or WILDCAT: NATURAL BUTTES		COUNTY: UINTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		STATE: UTAH
TYPE OF SUBMISSION <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/8/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </div> </div> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Kerr-McGee Oil & Gas Onshore, LP has plugged and abandoned the NBU 437-18E well. Please see the attached operations summary report for details. Thank you.		
NAME (PLEASE PRINT) Jennifer Thomas		PHONE NUMBER 720 929-6808
SIGNATURE N/A		TITLE Regulatory Specialist
DATE 7/13/2015		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 15, 2015

US ROCKIES REGION
Operation Summary Report

Well: NBU 437-18E

Spud date:

Project: UTAH-UINTAH

Site: NBU 437-18E

Rig name no.: GWS 1/1

Event: ABANDONMENT

Start date: 7/6/2015

End date: 7/8/2015

Active datum: RKB @0.00usft (above Mean Sea Level)

UWI: NBU 437-18E

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
7/6/2015	6:15 - 6:30	0.25	ABANDP	48		P		HSM.
	6:30 - 7:30	1.00	ABANDP	30	G	P		ROAD RIG F/ NBU 921-21L.
	7:30 - 8:30	1.00	ABANDP	30	A	P		MIRU & SPOT EQUIP.
	8:30 - 12:00	3.50	ABANDP	31	I	P		SICP = 50 PSI. BLOW WELL DOWN T/ RIG TANK. ND WH (3hrs T/ GET BOLT'S & NUT'S OFF WH. VERY RUSTY) NU BOP. MAKE UP 6' PUP JT IN TBG HNGR. UNLAND TBG. PULLED T/ 60K. TBG STUCK. WORK PIPE. WOULD NOT COME FREE. RELAND TBG ON HNGR. ND BOP. STRIP 2' PUP JT UNDER TBG HNGR. RELAND. NU BOP. RU RIG FLOOR & TBG EQUIP. UNLAND TBG. LD 71/16 TBG HNGR. PU 6' PUP JT. WORK PIPE FOR 1hr 30 min. WOULD NOT COME FREE. CALL CUTTERS WL. PU POWER SWIVEL. WORK PIPE.
	12:00 - 17:00	5.00	ABANDP	34	G	P		MIRU CUTTERS WL. PU 1.71 JUNK BASKET. RIH T/ 5002' STACK OUT. TRY T/ BEAT THROUGH. MADE NO HOLE. POOH. LD JUNK BSK. PU FREE POINT TOOLS. RIH, 1st SETTING @ 4995'. 50% FREE PIPE. 2nd SETTING @ 4960'. 100% FREE PIPE. POOH. NOTE : TALKED T/ BLM REP, RANDY BYWATER HE SAID " IT WAS OK T/ LEAVE FISH IN WELL AS LONG AS WE CAN SET CIBP @ 4910' " (FISH TOP @ 4960') PU JET CUTTER. RIH MADE 2 MISS RUNS. 3rd TIME CUT TBG @ 4960'. PIPE CAME FREE. POOH. RDMO CUTTERS WL. LD 6' & 2' PUP JTS. SWIFN.
7/7/2015	6:45 - 7:00	0.25	ABANDP	48		P		HSM.
	7:00 - 9:00	2.00	ABANDP	45	A	P		OPEN WELL 0 PSI. MIRU SCAN TECH. POOH W/ 152 JTS + 1 CUT OFF JT. FOUND = 100 YB, 48 BB, 5 RB & 1 CUT OFF JT F/ JET CUTTER. OD SCALE ON LAST 5 JTS. RDMO SCAN TECH.
	9:00 - 12:00	3.00	ABANDP	35	E	P		MIRU MULTI SHOT. RUN T/ 4900'. POOH. RDMO MULTI SHOT.

US ROCKIES REGION

Operation Summary Report

Well: NBU 437-18E

Spud date:

Project: UTAH-UINTAH

Site: NBU 437-18E

Rig name no.: GWS 1/1

Event: ABANDONMENT

Start date: 7/6/2015

End date: 7/8/2015

Active datum: RKB @0.00usft (above Mean Sea Level)

UWI: NBU 437-18E

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	12:00 - 15:00	3.00	ABANDP	31	I	P		PU 4.5 CIBP. RIH W/ 151 JTS 23/8 J-55. SET CIBP @ 4910'. P/U 10'. ROLL HOLE W/ 70 BBLS. PSI TEST CSG & CIBP T/ 500 PSI. GOOD TEST. BLEED OFF PSI. SWIFN.
7/8/2015	6:45 - 7:00	0.25	ABANDP	48		P		HSM.
	7:00 - 15:00	8.00	ABANDP	51	D	P		OPEN WELL 0 PSI. MIRU PRO PETRO CMT CREW. BRK CONV CIRC. NOTE- ALL CMT CLASS G NEAT. PLUG #1 - EOT @ 4900', PUMP 2.5 BBLS FRESH, 10 SX, DISP W/ 18 BBLS T-MAC. POOH LD 16 JTS. PLUG #2 - EOT @ 4387', PUMP 2.5 BBLS FRESH, 39 SX CMT, DISP W/ 16 BBLS T-MAC. POOH LD 52 JTS. PLUG #3 - EOT @ 2697', PUMP 2.5 BBLS FRESH, 39 SX CMT, DISP W/ 9 BBLS T-MAC. POOH LD 29 JTS. PLUG #4 - EOT @ 1755', PUMP 2.5 BBLS FRESH, 10 SX CMT, DISP W/ 6 BBLS T-MAC. POOH LD 11 JTS. PLUG #5 - EOT @ 1398', PUMP 2.5 BBLS FRESH @ 10 SX CMT, DISP W/ 5 BBLS T-MAC. PLUG #6 - EOT @ 1170', PUMP 2.5 BBLS FRESH, 10 SX CMT, DISP W/ 4 BBLS T-MAC. POOH W/ 36 JTS. PSI TEST CSG & BALANCE PLUG T/ 600 PSI. GOOD TEST. BLEED OFF PSI. MIRU CUTTERS. PU 31/8 EXP GUN W/ 12 GM CHARGE, 4 SPF, 90 DEG PHASING. RIH PERF 4 HOLE @ 565'. POOH W/ WL. RIH W/ CIRC, SET CIRC @ 520'. EST INJT RT @ 2.5 BPM @ 180 PSI. PUMP 32 SX, DISP W/ 2 BBLS T-MAC. UNSTING LEAVE 4 SX CMT ON TOP OF CIRC. NOTE - SURFACE CSG STARTED CIRC @ THE END ON CMT. POOH LD 16 JTS. PU 31/8 EXP GUN, 12 GM CHARGE, 4 SPF, 90 DEG PHASING. RIH T/ 100'. PERF 4 HOLES. POOH RDMO CUTTERS WL. CIRC WELL DOWN CSG & UP SURFACE. SHUT DOWN. RD RIG. RACK OUT RIG EQUIP. MIX CMT, PUMP 70 SX DOWN 4.5 CSG & UP SURFACE. SEEN GOOD CMT T/ SURFACE. SHUT DOWN. DIG OUT AROUND WH. CUT WH OFF. TOP CMT OFF. WELD PLATE. BACK FILL AROUND WELL HEAD. SDFN.